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Shooter's Bible TREASURY

The Shooter's Bible Treasury is published by the Shooter's Bible, Inc., 55 Ruta Court, South Hackensack, New Jersey and is distributed throughout the world by recognized sporting goods stores, gun shops, book stores and newsstands. It is also available by direct mail-order at $2.95 per copy, delivery postpaid.

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Dear Reader,

It is with a great deal of satisfaction that we present this compendium of famous Shooter's Bibles dating back to the first Stoeger Catalog. Only the most outstanding pages have been selected from the voluminous material available to us and I am sure the firearms student and the shooting enthusiast will find innumerable items of interest in this text.

From the moment work commenced on this book our editorial offices were charged with an atmosphere of magnetic nostalgia. Even visitors would come by to scan the proposed pages and comment on a father or grandfather who carried such-and-such a gun, or an aunt who "had one of these" (pointing to an illustration), "hanging over her fire-place."

Whether rifle, shotgun or pistol, all of the popular old favorites have been carefully gleaned from the editions that described them in their prime and many names on the verge of obscurity will be hereby recommitted to memory.

Every page is reproduced exactly as it appeared when originally published—not a single word or phrase has been changed. Consequently, we must caution the reader to restrain his enthusiasm over the description, or price, of a particular model. In almost every instance the gun has become a collector's item and even the occasional piece still in production commands a considerably higher price now!

Our purpose in publishing this work, was, and is, to provide the shooter and collector with a factual, historical, record of early 1900 to mid-1900 firearms.

THE EDITOR

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Introduction

In my 22 years as shooting editor of Outdoor Life and during a couple of years before that as a gun columnist for the same magazine I have used the Shooter's Bible more than any other reference book. If there is anything to be found out about guns the first and most logical place to look up the information is in the Shooter's Bible. If the dope isn't there, the poor gun editor is probably in for some hard work. The Shooter's Bible is and has been for more than a generation the most concentrated and the best digested package of gun and ammunition information in existence.

But my acquaintance with Stoeger's catalog goes back to the days before it was known as the Shooter's Bible. I sent away for my first catalog back in 1925, when I was a gun-struck young man with the ink on a diploma from the University of Arkansas still wet. I had been going to college in the South, a long way from the deer hunting, and the turkey, quail, and dove shooting of my native Arizona.

Quite unconsciously I started that year to prepare myself to be a gun editor. Two things the gun editor must do is to be able to write clearly and entertainingly and to have a fairly wide knowledge of guns and ballistics. I was working and making what seemed to me at the time fairly good money. I was single, and as I was not well off enough to take some cute little lass out every night, I had a fair amount of time on my hands. I spent my lonely evenings in my furnished room writing a novel and reading about guns. When I finished my novel, I put it away for six months. Then when it was good and cold I took it out and read it from beginning to end. I realized that it wasn't much of a novel, but I also felt that I had learned a good deal about the technique of writing.

I wish I still had the first Stoeger catalog I ever sent for: it was a thin blue pamphlet, nothing like the big, thick, information-crammed books of later years. But it contained descriptions, prices and pictures of many wonderful foreign guns and rifles—the fine line of big game rifles turned out by Mauser, for example; the classic Mannlicher-Schoenauer rifles and carbines.

For a long time the Stoeger catalog used the familiar blue cover, but as the years went by the book got fatter and fatter, contained more and more information, grew more and more valuable as a reference volume.

Looking over some of Stoeger's pre-war catalogs is enough to make the gun nut break into sobs. One I have at hand is volume No. 26. It wasn't the Shooter's Bible yet. Instead, it was called the Stoeger's Catalog and Handbook of Arms and Ammunition, American & Imported Gun Accessories and Repair Parts. Among other things it shows an excellent line of what it called "de luxe remodeling accessories"—ramp front sights with removable hoods, engraved grip caps, and steel buttplates with traps ($7.50). In the same catalog a pair of Zeiss 8 x 30 "Deltrentis" binoculars listed for $85 and a Bausch & Lomb 8 x 30 listed for $82. This was the time when Bill Weaver's first good scope, the 3—30 (not the 330) sold complete with grasshopper mount for $25. Stoeger also offered the wonderful little Zeiss Zeilklein 2¼-x scope with a 22 mm. tube for $36. You could buy a Colt's Woodsman for $32, a Colt New Service in a whole flock of calibers for $34, and a Smith & Wesson Military & Police .38 Special for $33.

The same catalog showed a complete line of British Webley revolvers, Mauser automatic pistols, Lugers, single-shot target pistols, and all manner of goodies. No. 26 still advertised the Model 95 Winchester lever action in .30/40, .303, and .35 and .405 Winchester for $43, and Winchester Model 54 rifles in .22 Hornet, .257, .270, .30/06, 7 x 57, 7.65 mm., 9 x 57 mm., and .220 Swift for $59.75. If you find it hard to believe that Winchester ever chambered rifles for some of those odd calibers, just look it up in an early Stoegers!

Remington still made the Model 8 automatic in .25, .30, .32, and .35 Remington calibers in those days. The price was $6. Now the Model 8 and all the cartridges except the .35 have passed into history. The Savage Model T, one of the cutest and best stocked little factory rifles that ever mowed down a deer cost $49.75.

You could get a British Webley & Scott .375 Magnum on a magnum Mauser action through Stoeger for $275 or a double ejector rifle of the same make for $600. A Magnum Mauser square bridge action cost you $100—and I doubt if Stoeger sold many of them as in those depression days $100 was a lot of scratch. On the other hand you could buy a .250/300 rifle on the little Mauser "K" or short action made by Mauser for $125.

The shotgun section would throw any gun nut into a decline. A V.H.E. Parker was $140 and a D.H.E. $186.50, an A-1 Special $865, a field grade L.C. Smith with auto ejectors for $54. A Winchester Model 21 skeet gun with beavertail forend, single trigger, and automatic ejectors was $127.95 and a standard grade Remington Model 32 with automatic ejectors and single trigger $116. Iver Johnson sold a very nice double barrel trap gun for $49.50.

These old "bibles" are about the only source of information on prices and specifications of many guns made during the 1920's and 1930's. Individual gun catalogs have a way of getting lost or thrown away. There isn't much that cannot be found in these old books. In 1959 in Nairobi I picked up, in very good shape, a Jeffery double rifle in .400 Jeffery Nitro Express (.450/.400-3 inch) caliber. At the gun store where I bought it, the salesman was pretty vague about the Model and the original price. I went to an old Stoeger. I found mine was the Model 3, ejector, which Stoeger sold back in the depression era for $530 laid down in New York.

There is a world of gun history, a world of information, and a world of nostalgia in these old Shooter's Bibles. The American shooting public owes a real debt to Stoegers for republishing some of this material!

—Jack O'Connor

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About our covers . . .

On the front and back covers we have reproduced seventeen famous Shooter's Bible covers; these date from the famous double Eagles of our 30th edition to the Grizzly Bear of the 55th edition.

Back cover firearms: in the red panel we illustrate the Winchester Model 11 Autoloading shotgun and their famous Model 1890 .22 caliber slide-action rifle. The target pistol in the yellow panel is a Luna Model 300. The blue panel pictures one of the famous old Iver Johnson Hammerless Revolvers.

Front cover firearms: Remington's popular old Model 8A Autoloading Rifle is shown with their famous Model 30 bolt-action rifle (in the blue panel) and the pistol in the yellow panel is, of course, the famous German Luger.

STOEGER'S SPORT CROSS-BOWS

With Bow and Arrows

The Cross-bow as a shooting weapon originated from the older "bow and arrow" and was principally used during the Middle Ages. The "snapper" customary during the 16th century, consisted of a lever for drawing, the visor which could be raised like a flap, the straining-box with a hook, which was connected with the straining-lever and pulled the straining-box backwards as the lever was shut. One lever-lock was fit with a spring. At the end of the cross-bow a fork was applied, the two points of which were connected with a cord on which a small ball could be moved backwards and forward. This was used to make aiming possible. Arrows or bullets were used as "ammunition." The calibres varied as to sizes. The bow was drawn with the so called "bender," but by using heavier constructed bows a special hand-winch was necessary or even tackles were applied, to execute shooting with the big cross-bows common on wagons and in towers, etc. The foot guards drew their cross-bows by means of a foot strap.

The cross-bows were in use in France as early as in the 9th century and came to Germany during the 12th century and developed since then into a large number of different constructions. Now A. F. Stoger, Inc., are introducing in the United States a new type, together with other modern cross-bows, called "The New Model of 1924." The handle is made of nut-wood with pistol grip, covered with fish skin. Swiss butt-flap. The trigger is furnished with a screw for regulation; stretcher-lever and arrow. Then there is a set trigger and a new lock-construction for the spring. An extended arrow-flute makes a precision shot possible within 40 yards, and this must be considered an extremely good performance for a cross-bow. The drawing mechanism is loose, i. e. not directly connected with the cross-bow. The total weight of this sporting weapon including drawing mechanism and arrow is about six pounds.

Shooting with cross-bow trains the eye just as well as any other sporting arm—so does the handling of it promote strength of body.

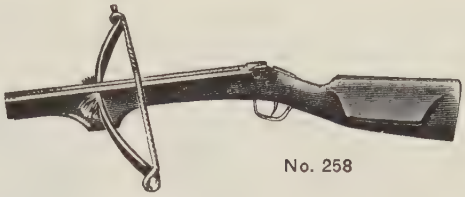
A SOUND AND HEALTHY Sport! A NON-EXPENSIVE SPORT, as you can use the arrows over and over again.

"He who starts early will become a master-hand."

For Particulars, Illustrations and Prices, See Next Page

STOEGER'S SPORT CROSS-BOWS

No. 259



No. 258

No. 259. Cross-bow for children. It has a single bow spring, single trigger, walnut stock plain finish. Very popular with the children. ..... **Price $4.80**

No. 258. Cross-bow for children from 11 to 16 years. Same as No. 259, but heavier and stronger bow spring. For use with steel-pointed arrows. Weight 3 lbs. ..... **Price $12.50**

No. 255

No. 254. Cross-bow with two heavy bow springs, peep and front sight, trigger with regulation screw, walnut stock, checkered pistol grip, swiss type butt plate. This cross-bow is of a heavy construction and requires the use of a spanning lever which we furnish with it. Precision at 35 to 40 yards. Weight 7 lbs. ..... **Price $22.50**

No. 255. The same as above, but hair trigger ..... **Price $23.50**

These two numbers are especially recommended for tournament competition.

No. 257. The same style as No. 255, but still heavier, with triple-ply bow-springs and spanning lever. Recommended especially for target and clay pigeon shooting. Weight 8½ lbs. ..... **Price $37.50**

Wooden Arrows for cross-bow No. 259 ..... **$0.15 Each**

Wooden Arrows with steel point for No. 259 ..... **$0.20 Each**

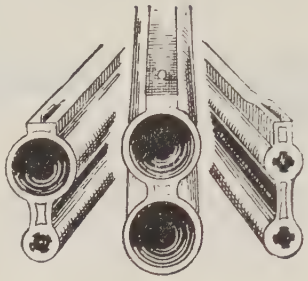
Wooden Arrows with steel point for Nos. 254, 255 and 258 ..... **$0.50 Each**

Special Arrows for No. 257 ..... **$0.65 Each**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

EUROPEAN FIREARMS OF TODAY

By Alexander F. Stoeger



Just as the conclusion of World War II ushered in a new era in world politics, so also did it have a profound effect upon the pre-war centers of sporting firearms manufacture.

In Europe, there are seven traditional centers of this industry, Birmingham, England; Liege, Belgium; Suhl, Germany; St. Ettienne, France; Brescia, Italy; Ferlach, Austria; and Eibar, Spain. In each of these centers arms have been produced from medieval times back to the Arquebus and ancient armor. There was a reason for this too, because each of these towns at one time produced iron which was then principally in demand for weapons. Perhaps it is for this reason also that there is a striking geographical similarity between most of them—except Birmingham—in that they are all located in rather remote mountainous territory and the art of gunsmithing has been the heritage of centuries.

Prior to World War II, the most important factories were in Birmingham, Liege, and Suhl, with the others barely in the running. The German sporting arms industry at the end of 1939 was undoubtedly the most progressive in the world, while the Belgians turned out large quantities of good to very fine guns, and the English dropped further and further backward in quantity production, altho they produced certain shot guns and double rifles which have never been excelled. Only Germany produced new types and special models such as the Krieghof Automatic High-Power rifle, the famous J. P. Sauer and Merkel Brothers Over and Under and combination guns of all sorts, the little Jaeger Hornet Rifle, the various double action pistols of Walther, Mauser and Sauer, the Mauser 7.63 MM full automatic pistol, the championship .22 Cal. match pistols of Udo Anschuetz, and numerous others.

The close of the war found Suhl in the hands of the Americans. After a very short occupation Suhl was turned over to the Russians, who proceeded to dismantle, then blow up various plants including Walther and Krieghof. Having done this, they transformed other plants such as J. P. Sauer, Haenel, Merkel, Simson, etc. into so called "peoples" factories and continued to produce shotguns for export. The names of the factories were retained in the cases of Merkel and Simson but with the addition of the letters VEB which denotes that it is "owned by the people." Sauer was changed to Fortuna Works. C. G. Haenel which will be remembered as the manufacturer of fine rifles, shotguns, automatic pistols and air guns was changed to Ernst Thaelmann Works, VEB. A few of the very small factories remain private but most of them were taken into the so called Gunmakers Guild. All these factories are under the control of one central sales agency. These factories still produce guns of excellent quality, but for obvious reasons few are exported to America. The only factory producing small arms in Western Germany was Mauser in Oberndorf in the French sector. The French, after completely dismantling the factory and transporting the machinery, etc., to France, blew up the major part of the plant, and completely leveled it so that today there are a few scattered empty buildings and a few more which now house a textile factory, where formerly stood a factory a mile and a half long, producing 20,000 rifles a day.

A number of arms manufacturers from Suhl, including the Walthers, Krieghof, and Anschuetz were evacuated by the Americans the day before turning over Suhl to the Russians. These settled in Ulm in the American sector, and today form the kernel of a still embryonic new German sporting firearms industry. All production of automatic pistols, revolvers, and rifles is still strictly forbidden thus limiting production of such items as shotguns, blank pistols, and certain accessories. It is expected that when the new Peace Contract which, at this writing has not yet been signed, becomes valid that most of these restrictions will be dropped. Only then will there be a full resumption of production. It is interesting to note tha although the Germans have been al lowed to make certain metallic ammuni tion, they may not manufacture pow der which must be imported and th velocity of the various sporting caliber is not permitted to exceed certain limit thus eliminating for the time being al high-velocity ammunition.

During World War II, with the Ger mans on one border and the British a Gibraltar, the Spanish Arms Industr really hummed, with both belligerent competing for the supply which Spai sold to the highest bidder. As a resul of the high standards demanded, cou pled with the experience of producing hundreds of thousand of pistols, the Spanish small arms industry attained ne high levels of quality and production, which post war con ditions permitted them to continue and increase. The dis appearance of German competition, because of allied restric tions, plus the elimination of Belgian competition due t skyrocketing Belgian prices, left the rejuvenated Italia industry as Spain's only real competitor—and accounts fo the present fine quality of Spanish Arms.

The Italian Arms Industry, which, like the French, ha been mostly a domestic proposition before the war, grew substantially thru the war, and continued to grow there after. Today Italy has several large firearms factories, plu three producing ammunition. One of the outstanding fea tures of present day Italian Arms Industry is the produc tion of fine shotguns particularly the automatic type. Thes guns embodied in the production of the amazing lightweigh Franchi which is characterized by light weight, gracefu lines, great precision, and durability.

The little Carinthian Mountain Village of Ferlach i Southern Austria, which has always produced fine sportin arms of every description, but in limited quantities, is agai buzzing with activity since here, and only here, are produce the many combination guns otherwise produced almost ex clusively in Suhl. These are principally the well-known "Drilling" or three barrel gun, with two shotgun barrel and a rifle barrel either above or—usually—below. Gun are also made in practically every combination—two rifl barrels and one shotgun, three shotgun barrels, or th "Vierling" or four barrel gun which usually has two shotgu barrels, a .22 cal. thru the rib, and a deer caliber below. I addition to almost any combination, there may be had doubl rifles in all calibers, as well as special Mauser action rifles A feature of Ferlach guns is the beautiful engraving fo which the local engravers are famous. In Ferlach is locate one of the very few and perhaps the outstanding Gun En graving Schools of the world. Here both men and wome take a regular 4 year course in the subject. Since only thos with a natural artistic ability are accepted it will be under stood that the graduates are of unusual ability.

In Belgium are innumerable small arms factories, som of which produce guns of highest quality, but always o conventional design. These manufacturers, because of th very high wage scale in Belgium, have been finding them selves more and more at a disadvantage over Italian an Spanish Arms, due to the very much higher prices the must demand. Liege, the center of the industry is also th home of the Ecole D'Armurerie De Liege (Liege Gunsmit School) which was established in 1897 and has a specia Department of Engraving. This school produces some of th world's best gunsmiths and engravers.

Since the war, about the only Belgium guns being im ported are the Browning Automatics and over and unders, a well as the Mauser Action Rifles all made by the Fabriqu Nationale of Herestal near Liege.

The situation in England has gone from bad to worse with English manufacturers making no real effort to ex port the few extremely expensive hand built guns which ma still be had, if price is no object and one is willing to wai

(*Continued on next page*)

FRANCHI DOUBLE BARREL SHOTGUN

For many years the name Luigi Franchi has stood for the finest in Italian double barrel shotguns. These guns are distinguished in outline and appearance according to the best tradition of the shotgun world. Because of perfect balance and correct proportions the gun is easy and pleasant to use. While the factory produces various models, we show here only the "Imperial Extra" which represents the finest in gun making. Because practically every shooter who purchases a gun of this quality prefers stock dimensions, gauge, weight, trigger, forend, choke, and barrel length exactly in accordance with his personal desire and requirements, we, therefore, have this gun made up only on special order. On such orders all the customer's specifications so long as they do not vary too greatly from standard can be exactly taken care of.

The "Imperial Extra" is an ejector gun of very high quality with the finest side-locks and with double safety arrangement. The barrels are of Demibloc construction, of original Anticorro Poldi or Antinit Boehler. Engraving is extra fine flowered scroll work. The stock is of selected walnut root and a gold crest set in the forend enhances the beauty. The gun is available with old silver or mottled case hardened finish. In the double barrel model the front trigger is hinged to prevent possible injury to the finger when using the rear trigger. A reliable single trigger developed by Franchi may be had at extra cost.

IMPERIAL EXTRA

Price $592.00
Extra for Selective Single Trigger $100.00

SPECIFICATIONS

Gauge:	Available in 12 and 16 and 20 ga.
Locks:	Genuine Purdy type side lock. Upon request at no extra charge the locks may be had removable.
Barrels:	Are of the Demibloc type. The extensions are forged into the barrel blank. These barrels are of the very finest possible steel, are all internally chromium plated which assures extra smoothness and resistance to corrosion and errosion and superior pattern.
Variations:	Because of the variety of allowance specifications this gun may be had not only as an upland gun but likewise for duck and trap shooting.
Interchangeable Barrels:	On request this model may be made up with interchangeable barrels at an extra cost of 20%.
Self-Opening Models:	On special order at an extra cost of $100. this model may be fitted with an original self-opening action as is customary in a few of the high grade English shotguns.

EUROPEAN FIREARMS OF TODAY

(*Continued from preceding page*)

a year or so for an individual piece—and does not insist upon too much variation from what the factory considers correct.

Finland and Sweden also produce good guns, but in small quantities, at high cost, and without any special advantages or characteristics.

Switzerland produces an insignificant number of shotguns and also a limited number of match pistols and rifles, which while excellent, are the most expensive in the world. The fact that big game hunting in Switzerland is limited to single shot rifles sometimes referred to as Carpathian Rifles will explain the lack of Swiss repeating rifles.

The restrictions on the German sporting arms industry will probably be dropped the latter part of 1954, and there will no doubt be much of interest to record in another year. J. G. Anschuetz plans on resumption of their fine prewar line of small bore rifles and match pistols while still others will offer high power rifles and automatic shotguns. Heinrich Krieghof plans on his high-power automatic rifle next year, and already J. P. Sauer has moved into a new plant in northern Germany and is producing shotguns and drillings of top-notch quality with workers from Suhl.

In Nuernberg, the world famous R. W. S. Ammunition Factory, which originated rustless primers and strong jacketed bullets is again producing in limited quantities under the new name of Dynamit A.G. Included are the original Brenneke rifled shotgun slugs.

European guns have always been primarily produced for the European and Colonial markets, and the details of design and finish are usually sufficiently different from American ideas that the average unmodified European arm is unsuited for the American market. The secret of success in marketing a foreign arm is in recognizing the basic quality of a gun and then altering it superficially to comply with local requirements and to emphasize only those which have outstanding merit and are attractively priced. Because most importers have little knowledge of either fundamental arms quality and equally little of what the average American wants, plus their efforts to buy at lowest prices, results in a rash of practically unsaleable guns and grief to the dealer. Only the most intimate knowledge of both the European and American Types, Models, and requirements can result in really successful guns which give the ultimate user lifetime satisfaction and leave the dealer with the confidence of enthusiastic customers.

Today the Stoeger Arms Corporation is again America's Largest, Oldest, and most reliable importer of fine foreign sporting arms.

THE PRINCIPAL FOREIGN PROOF MARKS

We present on this page, for the first time in any American catalog an illustrated list of the principal foreign proof marks with which every owner of an imported arm is acquainted, but in most cases ignorant of their purpose or meaning.

The arms industry of Europe is far different from that in the United States. In the U. S. A. naturally the entire arms industry is in the hands of less than a dozen very large responsible manufacturers. In each of the principal European sporting arms manufacturing countries there exist hundreds of makers, from shops employing two or three skilled workmen to factories employing thousands. In order to protect both the manufacturer and the public every arm must be thoroughly examined and proof tested at an official government proof house, with an excessive load, whereupon it is re-examined and the appropriate mark stamped. Gun barre are usually proof fired at least twice, once in the unfinishe state before being fitted to the stock and action, then aga when finished.

The proving of firearms has been compulsory in England ar Belgium since 1672, the English standards being the highes In 1892 Germany adopted the English standards, refusing accept the Belgian proof, whereupon Belgium raised its stan ards to the same level. Today the English, German ar Belgium proof marks command the highest recognition.

While there are a variety of proof marks not listed her those not shown are for the most part obsolete, and we hav compiled herewith nearly all those proof marks in commo use today.

GERMAN PROOF MARKS

1st Proof — N, Nitro — Smokeless Powder Proof

2nd Proof and Examination — U

B — Proof for Guns Which are Only Tested Once (Foreign Arms)

G — Proof for Rifles

R — Proof for Repairs

S — Proof for Shot Guns

W — Proof for Choke Barrels

Austrian-Hungarian-Tschechoslovakian

Ferlach — Prag — Weipert — Wien — Budapest

NF — NP — NW — NV — NB

NOTE: First Line Indicates the First Proof; Second Line Indicates Smokeless Proof.

FRENCH PROOF MARKS

PARIS		ST. ETIENNE
	1st Proof	
	2nd Proof	
	Special Heavy Proof	S

ITALIAN PROOF MARKS

P.N. (2)		2nd Black Powder Proof
P.N. (2)	FINITO	Final Black Powder Proof
PSF (2)		Smokeless Proof for Shot Guns
P.D. (2)		Smokeless Proof for Rifles and Pistols

ENGLISH PROOF MARKS

LONDON

1st Proof — 12 C — Indicates Gauge in Shot Guns

2nd Proof — P.N. with Sword Arm abov Indicates Smokeless Powde 577 Ex., etc., Denotes Calibe in Express Rifles

BIRMINGHAM

1st Proof — Proof for Single Barr Guns

With Crown Smokele Proof

BP — With Crown

BV — 2nd Proof

NP — Shot Gun Gauge Show Same as London

BELGIAN PROOF MARKS

Preliminary Proof

R — Proof For Rifles

P. V. — Smokeless Powder Proof (P.V.=Poudre Vive-X Proof Powder)

Final Proof

E. C. — Smokeless Powder Proof (E.C=E.C. English Powder)

SPANISH PROOF MARKS

Eibar — Barcelona — Mark of the Proving Station (on Barrel and Action)

Black Powder Proof

Smokeless Powder Proof

This Proof Ma Is used with Lett "R" in Circle f Revolvers, with Letter "P" for Automatic Pisto or with Letter "E" for Foreign Arms.

Light Rifles ar Pistols

FE — For All Arms

This page reproduced from Stoeger Catalog Edition No. 33, 1941

LOADS AND SHOTSIZES

GAME	SHELL	SHOT SIZE	RECOMMENDED LOADS
DUCKS	Express	4, 5, 6	No. 4 for long range. For normal range—No. 5 or No. 6. No. 7½ for closer range over decoys.
GEESE	Express	BB, 2, 4	Goose hunters use the big loads with large shot. No. 4 shot for a denser pattern at shorter ranges.
PHEASANTS	Express	5, 6	For long shots use No. 5. On normal rise over dogs and all around No. 6 is the favorite.
GROUSE OR PARTRIDGE	Express or Regular	5, 6 7½, 8	On the smaller birds such as ruffed grouse or Hungarian Partridge use the smaller shot. The big western grouse (sage, sooty, and blue) call for heavier loads and large shot.
QUAIL	Regular	7½, 8, 9	For early season shooting on bob-whites when feathers are light use No. 9 shot. Later switch to No. 7½ or No. 8. On the running and wild flushing type quail, larger shot is sometimes used.
DOVES AND PIGEONS	Regular or Express	6, 7½, 8	On mourning doves at normal ranges regular No. 7½ or No. 8 Shot—but for larger ranges use Express No. 6 or No. 7½. Same load on band-tailed pigeons and white wings.
WOODCOCK	Regular	7½, 8, 9	Choice depends on ranges at which game is hot. For fast shooting in the alder thickets, No. 8 shot is a good choice.
RABBITS	Reg.or Exp.	4, 5, 6	For cottontail rabbits at normal range. Regular for jack-rabbits and snow shoes rabbits use Express.
SQUIRRELS	Express	5, 6	Most hunters use 5's or 6's and prefer the heavy loads in the tall timber.
RAIL	Regular	7½, 8, 9	For the little sora rail No. 8 or No. 9. Many hunters use No. 7½ on the marsh hen or clapper rail.
TURKEY	Express	BB, 2, 4	Choice depends on range. If you're a good caller No. 4, while BB's and No. 2's are best for long shots.
FOX	Express	BB, 2	It's a toss-up between BB's and No. 2 shot. But remember—the smaller the shot, the denser the pattern.

No.	12	11	10	9	8	7½	6	5	4	2	Air Rifle	BB	No. 4 Buck	No. 3 Buck	No. 1 Buck	No. 0 Buck	No. 00
DIAMETER IN INCHES	.05	.06	.07	.08	.09	.095	.11	.12	.13	.15	.175	.18	.24	.25	.30	.32	.33
	APPROXIMATE NUMBER OF PELLETS TO THE OUNCE										NUMBER TO THE OUNCE		APPROXIMATE NUMBER TO THE POUND				
	2385	1380	870	585	410	350	225	170	135	90	55	50	340	300	175	145	130

COMPARATIVE TABLE OF DIMENSIONS

In "Millimetres" and "Inches," with their respective parts.

Millimetres (mm)	Inches (")	Millimetres (mm)	Inches (")	Millimetres (mm)	Inches (")
1	.039	.1	.004	.01	.00039
2	.079	.2	.008	.02	.00079
3	.118	.3	.012	.03	.00118
4	.157	.4	.016	.04	.00157
5	.197	.5	.020	.05	.00197
6	.236	.6	.024	.06	.00236
7	.276	.7	.028	.07	.00276
8	.315	.8	.031	.08	.00315
9	.354	.9	.035	.09	.00354
10	.394	1.0	.039	.10	.00394
11	.433	1.1	.043	.11	.00433
12	.472	1.2	.047	.12	.00472
13	.512	1.3	.051	.13	.00512
14	.551	1.4	.055	.14	.00551
15	.591	1.5	.059	.15	.00591
16	.630	1.6	.063	.16	.00630
17	.669	1.7	.067	.17	.00669
18	.709	1.8	.071	.18	.00709
19	.748	1.9	.075	.19	.00748
20	.787	2.0	.079	.20	.00787

COMPARISON OF AMERICAN and METRIC UNITS

LENGTH

1 inch = 25.4 millimetres.
1 foot = 0.3048 metre.
1 mile = 1.6093 kilometre.

1 millimetre = 0.0394 inch.
1 metre = 3.2808 feet.
1 kilometre = 0.6214 mile.

WEIGHT

1 grain = 0.0648 gramme.
1 oz. (avdp.) = 28.35 grammes.
1 lb. = 0.4536 kilogramme.
1 ton = 1016 kilogrammes.

1 gramme = 15.432 grains.
1 gramme = 0.0353 oz. (avdp.)
1 kilogramme = 2.2046 lbs.
1000 kilogrammes = 0.9842 ton.

VARIOUS

1 square inch = 6.4516 square centimetres.
1 cubic inch = 16.387 cubic centimetres.
1 pint = 0.5682 litre.
1 foot per second = 0.3048 metre per second.
1 ton per square inch = 157.49 kilo. per square centimetre.
1 foot-pound = 0.1382 kilogrammetre.
1 square centimetre = 0.155 square inch.

1 cubic centimetre = 0.061024 cubic inch.
1 litre = 1.76 pints.
1 metre per second = 3.2808 feet per second.
1 kilo. per square centimetre = 0.00635 ton per square inch.
1 kilogrammetre = 7.233 foot-pounds.
1 dram = 27.34 grains.
1 dram = 1.771 grammes.
1 drachm = 60 grains.
16 drams = 1 ounce.

COMPARATIVE TABLE OF WEIGHTS

in "Grammes" (g) and "Grains" (gr) with their respective parts.

Grammes = g	.00	.10	.20	.30	.40	.50	.60	.70	.80	.90
1	15.4	16.9	18.5	20.1	21.6	23.1	24.7	26.2	27.8	29.3
2	30.9	32.4	34.0	35.5	37.0	38.6	40.1	41.7	43.2	44.8
3	46.3	47.8	49.4	50.9	52.5	54.0	55.6	57.1	58.6	60.2
4	61.7	63.3	64.8	66.4	67.9	69.4	71.0	72.5	74.1	75.6
5	72.2	78.7	80.2	81.8	83.3	84.9	86.4	88.0	89.5	91.0
6	92.6	94.1	95.7	97.2	98.8	100.3	101.9	103.4	104.9	106.5
7	108.0	109.6	111.1	112.7	114.2	115.7	117.3	118.8	120.4	121.9
8	123.5	125.0	126.5	128.1	129.6	131.2	132.7	134.3	135.8	137.3
9	138.9	140.4	142.0	143.5	145.1	146.6	148.1	149.7	151.2	152.8
10	154.3	155.9	157.4	159.0	160.5	162.0	163.6	165.1	166.7	168.2
11	169.8	171.3	172.8	174.4	175.9	177.5	179.0	180.6	182.1	183.6
12	185.2	186.7	188.3	189.8	191.4	192.9	194.4	196.0	197.5	199.1
13	200.6	202.2	203.7	205.2	206.8	208.3	209.9	211.4	213.0	214.5
14	216.0	217.6	219.1	220.7	222.2	223.8	225.3	226.9	228.4	229.9
15	231.5	233.0	234.6	236.1	237.7	239.2	240.7	242.3	243.8	245.4
16	246.9	248.5	250.0	251.5	253.1	254.6	256.2	257.7	259.3	260.8
17	262.3	263.9	265.4	267.0	268.5	270.1	271.6	273.1	274.7	276.2
18	277.8	279.3	280.9	282.4	283.9	285.5	287.0	288.6	290.1	291.7
19	293.2	294.8	296.3	297.8	299.4	300.9	302.5	304.0	305.6	307.1
20	308.6	310.2	311.7	313.3	314.8	316.4	317.9	319.4	321.0	322.5
21	324.1	325.6	327.2	328.7	330.2	331.8	333.3	334.9	336.4	338.0
22	339.5	341.0	342.6	344.1	345.7	347.2	348.8	350.3	351.9	353.4
23	354.9	356.5	358.0	359.6	361.1	362.7	364.2	365.7	367.3	368.8
24	370.4	371.9	373.5	375.0	376.5	378.1	379.6	381.2	382.7	384.3
25	385.8	387.3	388.9	390.4	392.0	393.5	395.1	396.6	398.1	399.7
26	401.2	402.8	404.3	405.9	407.4	408.9	410.5	412.0	413.6	415.0
27	416.7	418.2	419.8	421.3	422.8	424.4	425.9	427.5	429.0	430.6
28	432.1	433.6	435.2	436.7	438.3	439.8	441.4	442.9	444.4	446.0
29	447.5	449.1	450.6	452.2	453.7	455.2	456.8	458.3	459.9	461.4
30	463.0	464.5	466.0	467.6	469.1	470.7	472.2	473.8	475.3	476.8

COMPARATIVE AUTO PISTOL CARTRIDGES

U. S.	Foreign	U. S.	Foreign
.25 A. C. P.	6.35 mm. Browning	No U. S.	9 mm. Browning Long
.32 A. C. P.	7.65 mm. Browning	9 mm. Luger	9 mm. Parabellum
No U. S.	7.65 mm. Long (French)		9 mm. Glisenti
(.30) 7.65 Luger	7.65 mm. Parabellum	No U. S.	9 mm. Mauser
(.30) 7.63 Mauser	7.63 Mauser	.38 A. C. P.	.38 Auto (Webley & Scott)
No U. S.	8 mm. Nambu	.38 Super A.C.P.	No European
No U. S.	8 mm. Roth Steyr	No U. S.	9 mm. Steyr M. 1911
.380 A. C. P.	9 mm. Browning (short)	No U. S.	9 mm. Bergmann Bayard
	9 mm. Corto (Italian)	.45 A. C. P.	No European
		No U. S.	.455 W & S

COMPARATIVE REVOLVER CARTRIDGES

No U. S.	7.5 Nagant (Russian)	No U. S.	9 mm. Jap
No U. S.	8 mm. French	.38 Special	No European
.38 S & W.	.380 MK1 British	.45	No European
	.38-200	.455 Webley	.455 Webley

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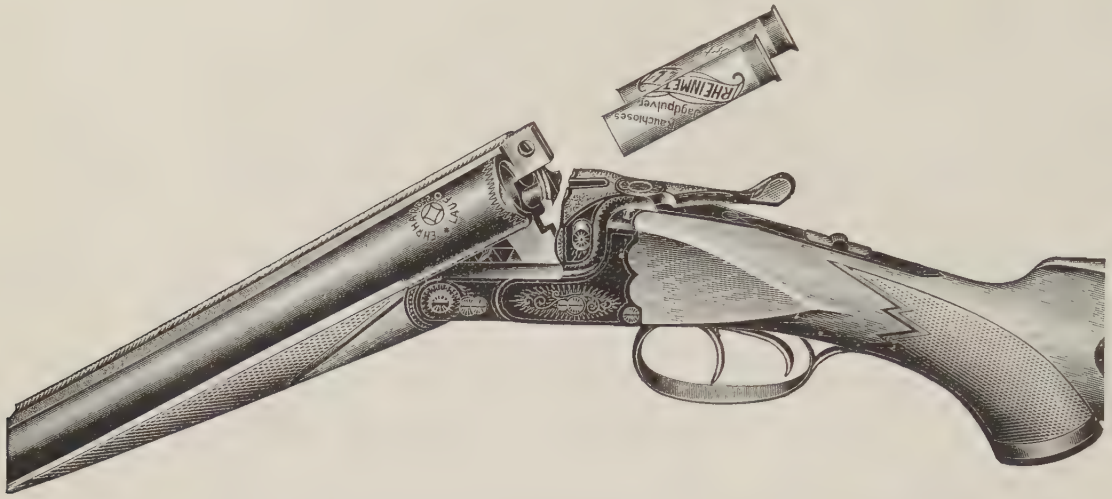
LEADERS IN ANSON & DEELEY SYSTEM SELF-COCKING DOUBLE-BARREL SHOT GUNS

THESE IMPORTED GERMAN SHOT GUNS ARE MOST CAREFULLY SELECTED



No. 201. "Rheinmetall" ANSON & DEELEY System Hammerless Double Barrel Shot Gun. The Barrels are Erhard steel, suitable for nitro powder, left barrel full, right modified choke or both cylinder bore. Greener cross bolt, side clips, finely matted extension rib, signal pins, fine engraving, checkered patent snap fore-end, checkered pistol grip, dark walnut stock, horn butt plate.

Length of barrels 26, 28, 30 and 32 inch—12, 16 or 20 gauge.

Weight from 6¼ to 7½ pounds ..... **Price $75.00**

No. 201E. Same as above, but with automatic ejector ..... **Price $85.00**

No. 202. ANSON & DEELEY System Hammerless Double Barrel Shot Gun. The barrels are genuine Krupp fluid steel. All other features same as No. 201, but higher grade finish. ..... **Price $175.00**

No. 202E. Same as above, but with automatic ejector ..... **Price $195.00**

No. 203. As No. 202, but de Luxe pattern, finest possible finish of all parts, very handsome English style engraving showing chased shells or embossed hunting scenes, selected veined wood for stock.

Length of barrels 26, 28, 30 or 32 inch—12, 16 or 20 gauge. Weight 6¼ to 7½ pounds. ..... **Price $210.00**

No. 203E Same as No. 203, but with automatic ejector. ..... **Price $235.00**

A. F. S. HIGH GRADE OVER AND UNDER SHOT GUNS

No. 220

No. 220. Hammerless Over and Under Shot Gun, Krupp steel barrel, suitable for nitro powder, doll's head extension rib, double under bolt, top lever action, locks are cocked on opening the breech. Safety on neck of stock. Checkered patent snap fore-end, checkered pistol grip, dark Walnut stock, plain finish. 20, 28 ga. Top barrel modified and under barrel full choke.

Length of barrels, 26, 28 or 30 inch.

Weight 6---6½ lbs. ..... **Price $195.00**

No. 222

No. 222. Hammerless Over and Under Shot Gun, Krupp steel barrels suitable for nitro powder, doll's head extension rib, double under bolt, under lever action. Safety on neck of stock. Checkered patent snap fore-end, checkered pistol grip, dark walnut stock. English style or hunting scenes engraving. Top barrel modified and under barrel full choke or cylinder bore, 12, 16 or 20 gauge.

Length of barrels 26, 28 or 30 inch.

Weight 6½---7 lbs. ..... **Price $195.00**

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A. F. S. HIGH GRADE HAND MADE OVER AND UNDER SHOT GUNS

No. 223. Hammerless OVER and UNDER Shot Gun, Blitz System, Krupp fluid steel barrels suitable for nitro powder, matted rib, Greener cross bolt and double under bolts, safety on neck of stock, patent snap fore-end, pisto grip, fine checkering, dark walnut stock, English style or hunting scenes engraving. Made in 12, 16 or 20 gauge, top barrel full, under barrel modified choke.

Length of barrels: 26, 28, 30 and 32 inches.

Weight 6½ to 7½ lbs. ..... **Price $265.00**

No. 223E. Same as above, but with automatic ejector ..... **Price $325.00**

No. 224. Hammerless Over and Under Shot Gun, Anson & Deeley System, Krupp fluid steel barrels, suitabl for nitro powder, matted rib, **double** Greener (Kersten) cross bolt, double under bolts, safety on neck of stock, signa pins on side of gun, checkered patent snap fore-end, checkered pistol grip, fine Walnut stock, plain finish, 12, 16 and 20 gauge, top barrel full, under barrel modified choke.

Length of Barrels 26, 28, 30 or 32 inches. Weight 6½ to 7½ lbs. ..... **Price $295.00**

No. 224E. Same as above but with automatic ejector ..... **Price $435.00**

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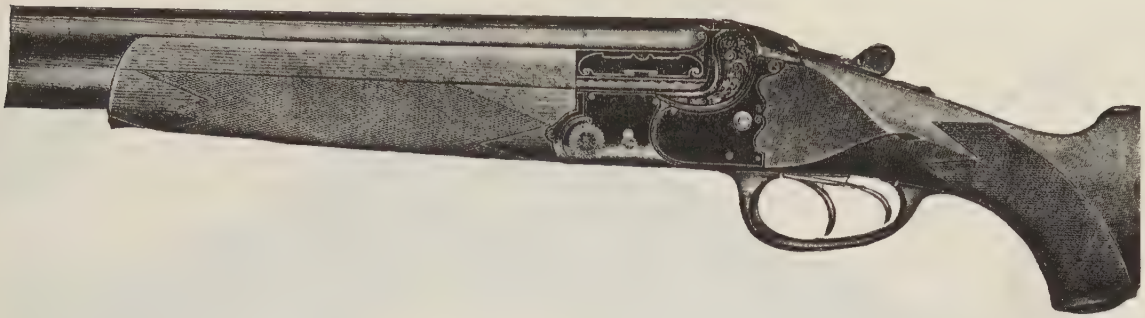
A. F. S. HIGH GRADE HAND MADE OVER AND UNDER SHOT GUNS



No. 225E

No. 225. Same as No. 224 but de Luxe pattern, finest possible finish on all parts, very elegant English style or hunting scenes engraving, selected veined wood for stock; elegantly finished throughout. ..... **Price $335.00**

No. 225E. Same as above, but automatic ejector..... **Price $450.00**

A. F. S. HIGH GRADE HAND MADE OVER AND UNDER SHOTGUN WITH AUTOMATIC EJECTOR AND SIDE PLATES

No. 226E

No. 226. Same as No. 225 but with very handsome engraved side plates. ..... **Price $350.00**

No. 226E. Same as No. 226 but with automatic ejector. ..... **Price $495.00**

The Guns No. 223 to No. 226 could be delivered with:

Ventilated Rib	extra charge	$15.00
Single trigger	extra charge	25.00
Roechling electro steel	extra charge	47.50
Krupp special steel	extra charge	47.50
Boehler Antinit steel	extra charge	72.50

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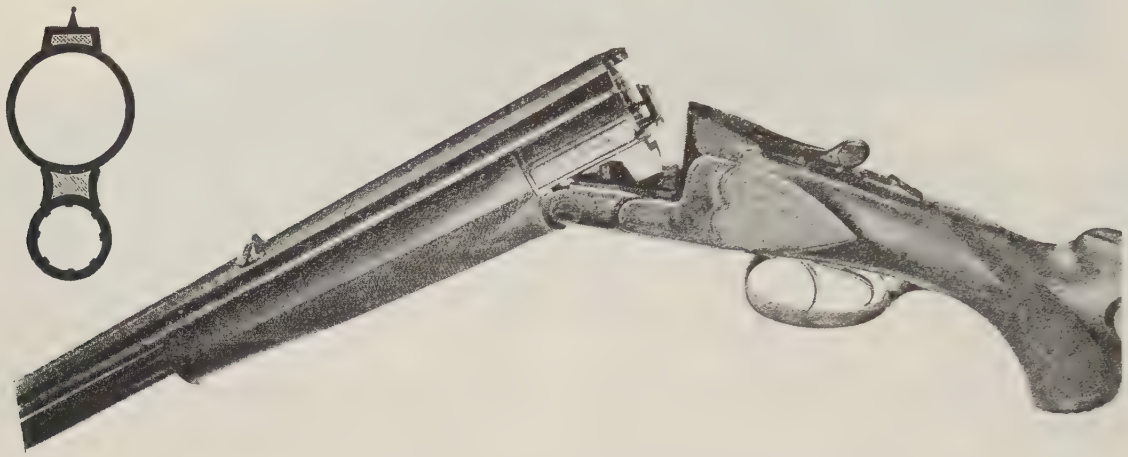
A. F. S. HIGHEST GRADE HAMMERLESS OVER AND UNDER COMBINATION RIFLE AND SHOT GUNS



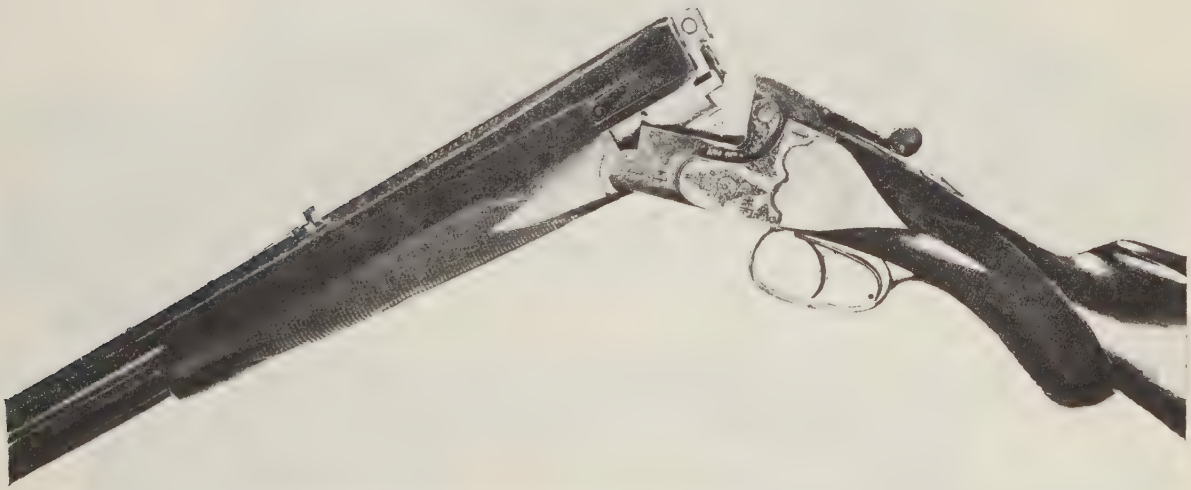
No. 245. Hammerless Over and Under combination Rifle and Shot Gun, Krupp steel barrel suitable for nitro powder, matted doll's head extension rib, double under bolt, toplever action, locks are cocked on opening the breech, safety on neck of stock, checkered patent snap fore-end, checkered pistol grip, dark walnut stock, plain finish. On the top shot barrel 20 or 28 gauge. Underneath rifle barrel 30-30 Winchester or 25-35. Length of barrels 26, 28 or 30 inches. Weight 6—6½ lbs. ..... **Price $195.00**

No. 247. Hammerless Over and Under Ball and Shot Gun, Krupp steel barrels, suitable for nitro powder, matted doll's head extension rib, double under bolt, under lever action, safety on neck of stock, checkered patent snap fore-end, checkered pistol grip, dark walnut stock, English style or hunting scenes engraving. Top shot barrel 12, 16 or 20 gauge. Underneath rifle barrel 30-30 Winchester or 25-35. Weight 6½—7 lbs. ..... **Price $195.00**

A. F. S. HIGHEST GRADE HAMMERLESS OVER AND UNDER COMBINATION RIFLE AND SHOT GUNS

No. 251. Blitz System Hammerless Self-Cocking Ball and Shot Gun. Barrels genuine Krupp fluid steel, suitable for nitro powder, matted extension rib, Greener cross bolt, double under bolt, side clips, safety on neck of stock, checkered patent snap fore-end, checkered pistol grip, dark walnut stock, horn butt plate, fine English style or hunting scenes engraving. Single shot barrel full or modified choke, 12, 16 or 20 gauge, rifle barrel underneath with express boring for 30-30 Winchester or 25-35 caliber. Length of barrels 28 or 30 inch. Weight 6½ to 7½ lbs.

Price $235.00



No. 252. ANSON & DEELEY System. Hammerless Over and Under Ball and Shot Gun, same style as No. 251.

Price $295.00

No. 253. Same as No. 252, but with DOUBLE Greener cross bolt. ..... **Price $325.00**

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A. F. S. HIGHEST GRADE HAMMERLESS THREE-BARRELED GUNS (Drillings)

No. 265. Blitz System Hammerless Three Barreled Gun, Greener cross bolt, double under bolt, barrels genuine Krupp fluid steel, suitable for nitro powder, left barrel full choke, right modified, rifle barrel with express boring, matted extension rib, Greener side safety, also a special safety upon neck of stock which by pushing forward releases the safety and automatically adjusts back sight for rifle barrel, side clips, checkered patent snap fore-end, checkered pistol grip, fine walnut stock, very handsome English style or hunting scenes engraving. Length of barrels 28 inches; shot barrels for 12, 16 or 20 gauge, rifle barrel bored for 30-30 Winchester or 25-35. ..... **Price $235.00**

No. 266. Same as above, but with magazine for rifle cartridges in stock. ..... **Price $242.50**

No. 270. Same as above but Anson & Deeley System. This is a very high grade gun ..... **Price $285.00**

No. 271. Same as above, but magazine for rifle cartridges in stock. ..... **Price $292.50**

These Three-Barreled Guns (Drillings) can be made with

Automatic Ejector	extra charge	$175.00
Horn Trigger Guard	extra charge	7.50
Roechling-Electro-Steel	extra charge	47.50
Krupp-Special-Steel	extra charge	47.50
Boehler Antinitsteel	extra charge	72.50
Rifle Barrel for 30--06 Govt. or other Rimless cartridges	extra charge	12.50

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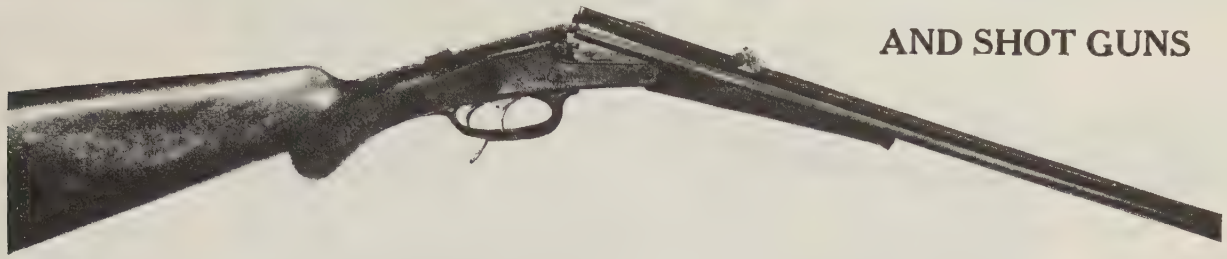
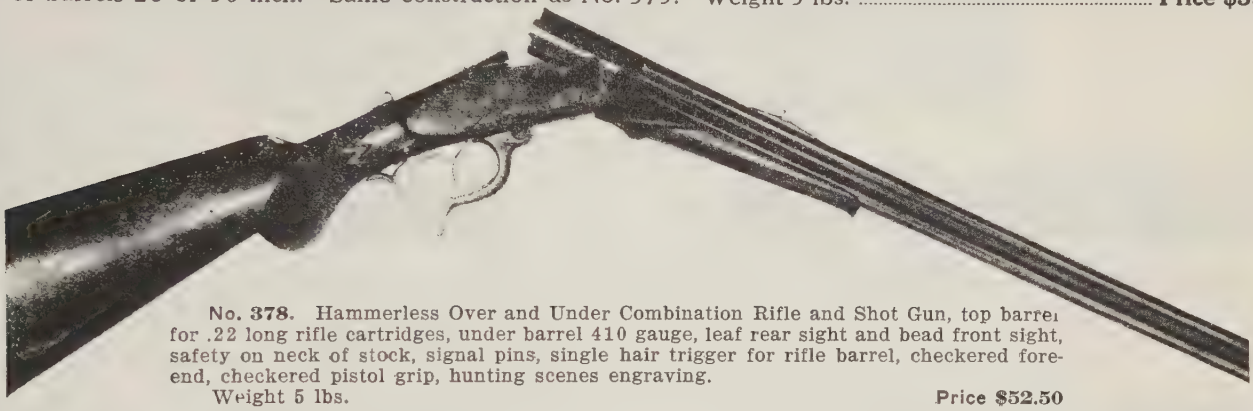
SMALL GAUGE DOUBLE BARREL SHOT GUNS AND COMBINATION RIFLE AND SHOT GUNS



No. 375. Hammerless Double Barrel Combination Rifle and Shot Gun, left barrel 410 gauge, right barrel for .22 long rifle cartridges, matted rib, rear sight and bead front sight, safety on neck of stock, signal pins, single hair trigger for rifle barrel, checkered fore-end, checkered pistol grip, hunting scenes engraving. Weight, 5 lbs. **Price $39.50**

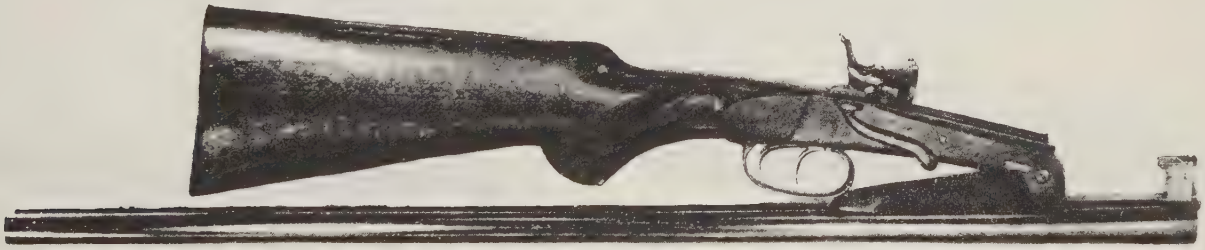
No. 350. Hammerless Double Barrel Shot Gun, under lever bolt, barrels for nitro powder, matted rib, signal pins, safety on neck of stock, checkered fore-end, checkered pistol grip, hunting scenes engraving, 20, 28 or 410 gauge, length of barrels 28 or 30 inch. Same construction as No. 375. Weight 5 lbs. ..... **Price $39.50**



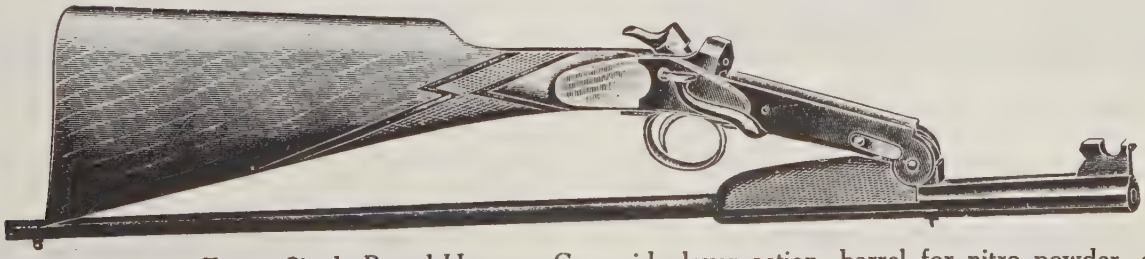
No. 378. Hammerless Over and Under Combination Rifle and Shot Gun, top barrel for .22 long rifle cartridges, under barrel 410 gauge, leaf rear sight and bead front sight, safety on neck of stock, signal pins, single hair trigger for rifle barrel, checkered fore-end, checkered pistol grip, hunting scenes engraving.
Weight 5 lbs. Price $52.50

No. 352 Same as No. 378, but two barrels, 410 ga. ..... **Price $52.50**

FOLDING SHOTGUNS



No. 355. Folding Frame Double Barrel Hammer Gun, side lever action, barrels for nitro powder, left full right modified choke, matted rib, checkered fore-end, checkered pistol grip, 12, 16, 20, 28 and 410 gauge, length of barrels 28 or 30 inch. Folding the gun by pushing the side button, the gun can be very easily carried in suit case.
Weight 6 1-2 lbs. **Price $37.50**



No. 361. Folding Frame Single Barrel Hammer Gun, side lever action, barrel for nitro powder, exactly as illustrated, 12, 16, 20, 28 or 410 gauge. 12, 16, 20, 28, or 410 gauge. Length of barrel 28 or 30 inch.
Weight 4 1-4 lbs.
12, 16 or 20 gauge ..... **Price $32.50** 28 or 410 gauge ..... **Price $19.75**

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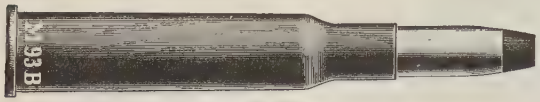
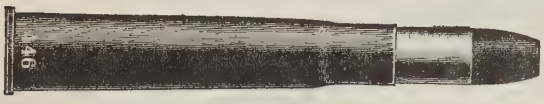
IMPORTED RIFLE CARTRIDGES WITH RIM FOR DOUBLE BARRELED, OVER AND UNDER RIFLES AND THREE BARRELED GUNS

All Prices Per 1000

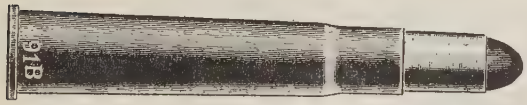


7 x 57 m/m, Smokeless, S. P. or F. M. J. ..... **$ 95.00**

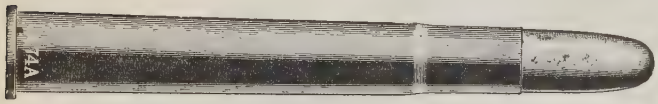
Mod. 88—8 m/m Smokeless, S. P. or F. M. J. ..... **$ 95.00**



8 x 57 m/m, Smokeless, S. P. or F. M. J. ..... **$ 95.00**

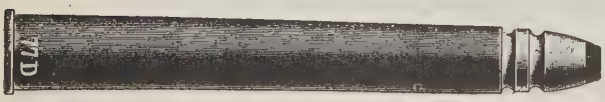


9 m/m Smokeless, S. P. or F. M. J. **$104.50**

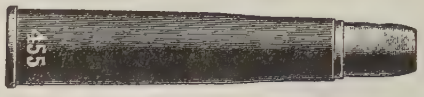


9.3 x 74.5, Smokeless, S. P. or F. M. J. **$115.00**

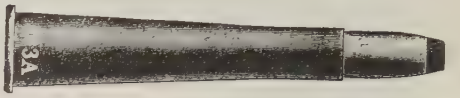
10.75 x 70 Smokeless, S. P. or F. M. J. **$120.00**



9.3 x 72 Smokeless, S. P. or F. M. J. **$110.00**

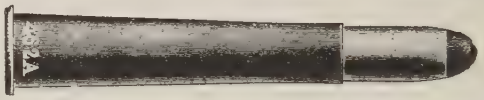


8.15 x 46, Smokeless, F. M. J. ..... **$ 85.**



6.5 x 48 S. & S. Smokeless, S. P. ..... **$ 85.0**

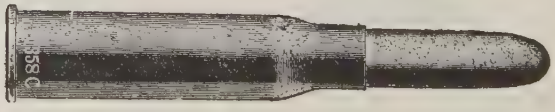
6.5 x 58 S. & S. Smokeless, S. P. ..... **$ 85.0**



8 x 48 S. & S. Smokeless, S. P. ..... **$ 95.0**

8 x 58 S. & S., Smokeless, S. P. ..... **$ 95.00**

6.5 m/m Mannlicher, Smokeless, S. P. or F. M. J. **$ 95.00**



8 m/m Mannlicher, Smokeless, S. P. or F. M. J. **$ 95.00**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

THE DISCOVERY AND HISTORY OF GUNPOWDER

SCHWARTZ EXPERIMENTING

The origin of gunpowder, the only explosive known until the middle of the nineteenth century, is uncertain. There is a theory that it was known in China many centuries before its first appearance in Europe, and that kuowledge of it gradually worked westward. Legend goes back to the time of Alexander the Great, who, it is asserted, refused to attack the Oxydracae, a race occupying the country between the Hyphasis and the Ganges, because they "lived under the protection of the gods and overthrew their enemies with thunder and lightning, which they shot forth from their walls."

Some authorities regard Greek Fire, rather extensively used in the defense of Constantinople in the seventh century, as a form of gunpowder, but it may have been merely an incendiary mixture, to which crude nitre was added to make it burn more fiercely. On the strength of passages in the works of Roger Bacon, an English monk who lived in the thirteenth century, he is spoken of as the inventor of gunpowder. In his later works, "Opus Tertium," "De Secretis," and "Opus Magnus," published about 1270, there is no doubt that he was acquainted with explosive mixtures of sulphur, charcoal, and nitre, the ingredients of gunpowder.

Berthold Schwartz, a monk of Freiburg, in Germany, studied the writings of Bacon regarding explosives, and manufactured gunpowder whilst experimenting. He has commonly been credited as the inventor, and at any rate the honour is due to him for making known some properties of gunpowder; its adoption in Central Europe quickly followed his announcement, which is supposed to have taken place about 1320. It is probable the gunpowder was well known in Spain and Greece many years prior to its being used in Central and Northern Europe.

The early uses of gunpowder, however, were confined to warfare, no use being made of it for sporting purposes for several hundred years. In the later years of the fourteenth century, frequent references to gunpowder are made in literature, often in a way which makes it evident that the properties of gunpowder as a propellant were well known to the majority of people. From Chaucer's reference in "The House of Fame," it is apparent that the "pillet" which was fired out of the "gonne" by the explosion of the "pouder" was a single projectile.

The manufacture of gunpowder was carried out originally by the very crude method of pounding the ingredients together by hand in mortars, but edge runners were introduced toward the end of the sixteenth century, which greatly facilitated the incorporating or milling process. During this century, the process of "corning" or "granulating" was introduced, whereby grains of standard size are assured.

In manufacturing gunpowder, care is required in the selection of material. The potassium nitrate, or nitre, should be chemically pure. The sulphur must contain no non-volatile matter, and must be free from sulphuric acid. The quantity of the powder depends considerably on the quality of the charcoal, so that it is customary for powder mills to prepare their own.

The composition of gunpowder varies widely with the different grades manufactured. Coarse grains are used for blasting, and fine grains for gunpowder. The composition of French military powders remained the same from 1598 until the adoption of modern smokeless powders, which developed from Schoenbein's discovery of guncotton in 1846. From this, Vielle, a French chemist, invented smokeless powder, in 1886, which possesses the ability to burn without creating much smoke.

Almost all sporting powder propellants today are smokeless powders. These can be divided into two classes, the dense powders and the bulk powders, both being used in rifle shooting and in shotguns. Though smokelessness is the characteristic of these powders, their superior power is a factor of prime importance, for, while black gunpowder imparts to the projectile an initial velocity of 1,700 feet a second, initial velocities of over 3,000 foot seconds have been attained with smokeless powders.

Another division of smokeless powders into types, is the nitroglycerin smokeless powders and the nitrocellulose. Both nitroglycerin and nitrocellulose powders consist of colloidal masses of gelatined nitrocellulose which have been pressed into ribbons, cords, tubes, or sheets, these being frequently cut into flakes, when intended for use with small arms.

Nitroglycerin was the discovery of Sobrero, an Italian chemist, in 1846, but nothing was done about it until Alfred Nobel recognized its possibilities for blasting. Later, he found it was possible to so mix and treat nitrocellulose dissolved in nitroglycerin, so that a hard colloid substance could be produced, and that this substance had all the properties which would make it desirable as a rifle propellant. This led to the production, in 1888, of ballistite, the first propellant of this class.

Today, nitroglycerin powders are manufactured for use in both shotguns and rifles. They usually are referred to as double-base powders, possessing the advantages of regular ballistics, and are less liable to produce back-flash than nitrocellulose powders. They have excellent keeping qualities.

This page reproduced form Stoeger Catalog Edition No. 38, 1946.

AN INTRODUCTION TO MUZZLE LOADERS

By Judge Roy S. Tinney

The guns of a century or more ago have allure peculiarly their own; they are the answer to a guncrank's prayer. The old front-fed, loose-loaders stand for romance, adventure and re-enacted history. They enable the shooter, with his own hands and a few simple tools, to evolve, produce and apply no end of useful gadgets for the fabricating of ammunition on the firing line, as-and-when needed. Our great-great-grandsires were the original re-loaders, for 'twas then a case of reload or stop shooting. And it is the safest shooting known if one will strictly observe this simple rule: NEVER USE SMOKELESS POWDER. Always load the old guns with the propellent for which they were designed, black or semi-smokeless powder. It is a game where the human element plays a predominant part. A carefully systematic loader can and frequently does defeat a far better shot who is neither exact nor methodical while recharging his gun. Also, such firing gives the marksman an understanding of the basic principles of the science of ballistics he can acquire in no other way.

While Rapid Fire is "out," loading the old guns is not by any means the slow, laborious operation most imagine. On the contrary the greased patch in which the ball is wrapt makes loading a pleasant ritual, it is done so easily the standard Slow Fire rule, "One minute per shot" can be calmly accepted. One afternoon I saw a friend fire 25 shots in 14 minutes with a duelling pistol without making the slightest effort to speed-up the proceeding.

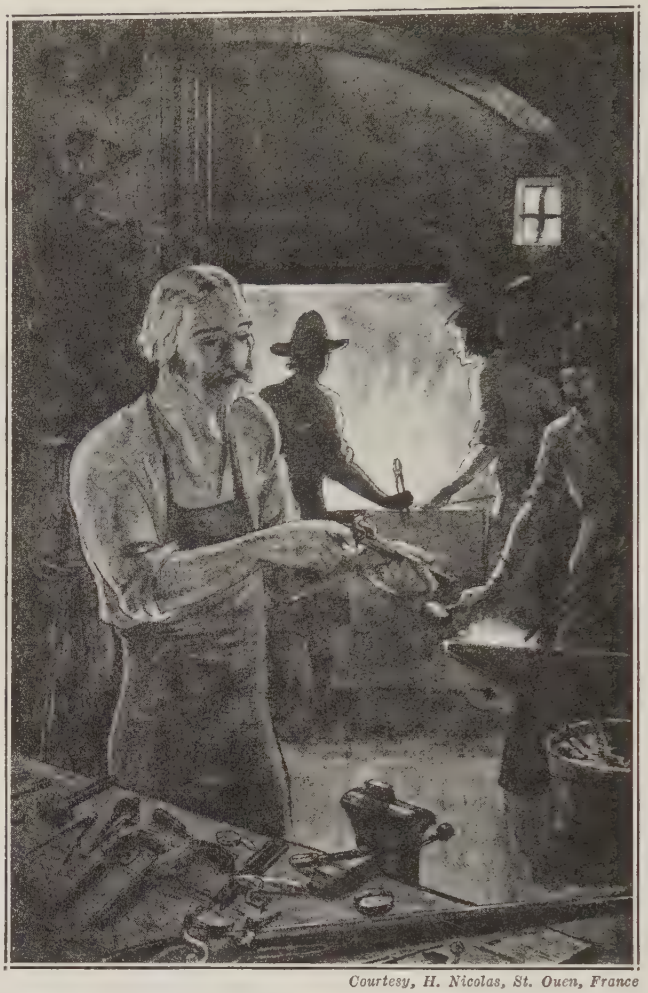
Another pleasant surprise is the way the old guns behave; the black powder recoil is merely a firm push, not at all like the bruising kick delivered by smokeless powder. This is particularly noticeable when firing cap-and-ball revolvers or duelling pistols. Most of the old duellers weigh less than the .38 "Official Police" or the .45 Service revolvers and the Army Auto. They fire round balls ranging from .44 caliber running 50 to the pound and each weighing 140 grains up to the really big appointment-guns who toss a .68 caliber ball, 14 to the pound, weight 500 grains. Yes, we of the Sword and Pistol Club actually fire 500-grain bullets successfully and pleasantly from a pistol—one of a pair of smoothbore, percussion English duellers made a century ago. We often use them in Parallel Duelling events where the two contestants stand side by side at "Lower Pistol" firing "On Command" at two silhouette man targets "according to the code."

Captain Dillin of Media, Pa., has a flintlock Kentucky rifle made in 1750 that is still both accurate and serviceable, only requires "a man behind it" to win matches. At Forty rod (220 yards) the heavy barrel percussion rifles of the type used by Berdan's Sharpshooters during the Civil War, "slug-guns" using conical bullets, will give the modern rifles a run-for-their-money. "Possibles" on the four-inch ten ring of the Standard N.R.A. 200 yard decimal targets are not at all impossible, occur quite frequently. While the "round-ball-rifles," both flint and percussion, make creditable scores at fifty and a hundred yards on the Standard N.R.A. small bore targets used for the Dewar Course.

The first chokebore shotguns were muzzle loaders, their virtues being discovered and made known by Fred Kimble some seventy years ago. He is still alive and a most interesting first-hand account of his findings is presented in the November and December, 1936, issues of THE AMERICAN RIFLEMAN. At various times I have been permitted to test a few of those early shotguns and in each instance they delivered patterns that in closeness of pattern, count, evenness of distribution (density) and penetration in every respect equalized the patterns delivered by the best of our modern shotguns.

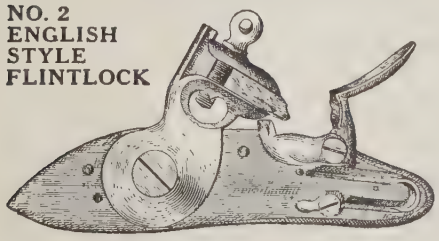
Shooting at live birds or clay pigeons with a flintlock is a real experience, one you will never forget. The "flash-lag-boom" of the stone-age ignition requires one to "carry through," keep on aiming after the trigger has functioned. The "firelock" with its delayed action-ignition also plays havoc with the current generation of pistoleers, producing scores to weep over or laugh-at, depending on whether you chance to be the shooter or the kibitzer. We regard it as keen sport, a real test of a man's ability to hold well under trying circumstances and the man who can't "take it" has no place on our firing line.

Over a thousand shooters are burning black powder in the old muzzle loaders; rifles, pistols and shotguns; on outdoor ranges scattered from Maine to California. Twenty-odd regional matches are held twixt spring and fall; with the big National Muzzle Loading match at Dillsboro, Ohio, each October. If you are a dyed-in-the-wool guncrank, a man more interested in the game than the medals that decorate the expert minority, one who loves to burn powder with a minimum of expense and a maximum of pleasure, by all means take up the muzzle loaders. You will not be disappointed and in the doing meet many kindred spirits and have one whale of a good time.



Courtesy, H. Nicolas, St. Ouen, France

NO. 2 ENGLISH STYLE FLINTLOCK



The lock shown above is approximately half size and is complete and ready for installation and includes flint. This was one of the most popular styles in colonial days.

Price ..... complete **$6.00**

POWDER FLASKS

The flask illustrated measures somewhat over 4" over all and is designed for use with a pistol.

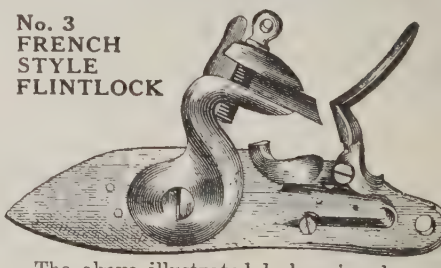
It is an extremely handy flask which fits easily into the pocket, indispensable to muzzle loading shooters.

It is made entirely of metal of exceptionally good construction and is equipped with powder measure which can be altered to suit any required load.

Price **$3.50**

Larger flasks for rifles, according to condition and pattern ..... **$5.00** to **$10.00**

No. 3 FRENCH STYLE FLINTLOCK



The above illustrated lock enjoyed great popularity in former days. It represents very excellent value. It is polished and finished, complete with flint.

Price **$6.0**

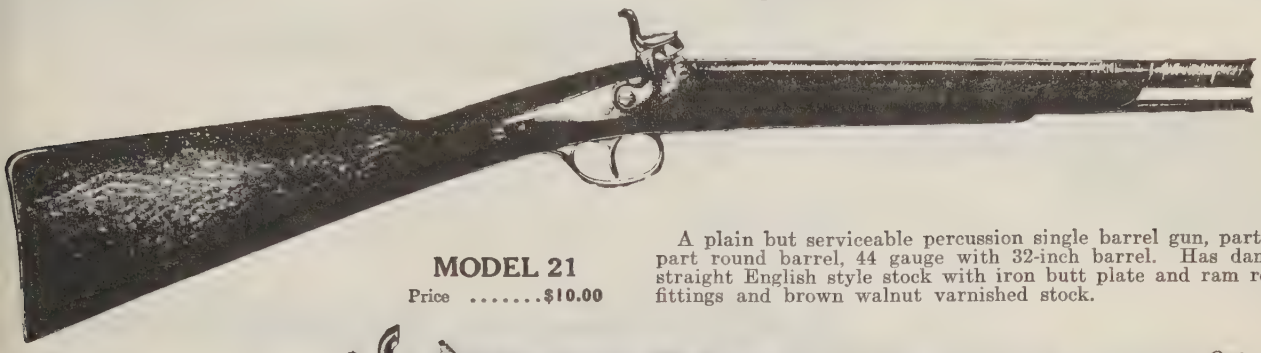
MUZZLE LOADING PERCUSSION & FLINT LOCK GUNS

For hundreds of years the Flint Lock and Percussion Cap guns were the only type known, in fact, there are still many old-time shooters who were brought up on the percussion type gun and in whose memory this type of weapon still holds an honored place. Many of these Percussion Cap guns are still in use.

The Flint Lock gun is of course, of far older development, having directly superseded the old wheel-lock guns. Interest in Flint Lock guns has been greatly revived of late and throughout the country many matches are being held with this ancient type of weapon. One of the difficulties to the sport of shooting with Flint Locks has been the inability of the shooter to purchase such guns on the open market. As a result of an increasing demand, we have felt it not only advisable but of popular interest to include within the covers of this catalog a fairly complete line of both Flint and Percussion type guns.

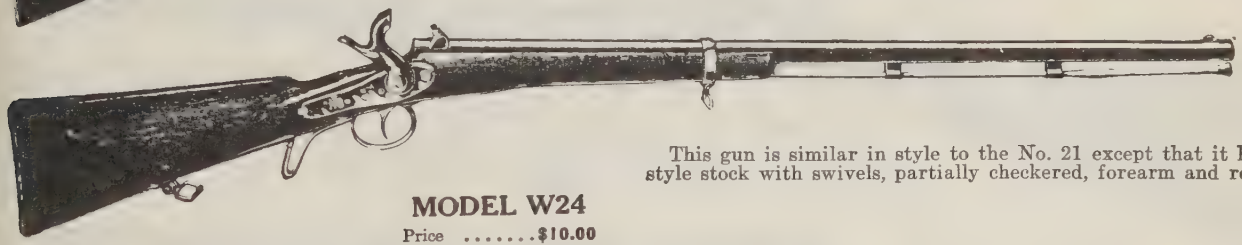
All of the Flint Lock and Percussion arms shown have been fully approved and tested with black powder loads at the proof house in Liege and all bear the official Liege black powder proof marks. For the benefit of those who desire to get the best shooting results we have procured from the Birmingham Proof House in England, the officially suggested black powder loads for the various gauges as a guide.

Many sportsmen will also find these guns decorative and ornamental as well as actually useful for the hunting lodge. Over an open fireplace no more fitting adornment can be found. In spite of the novelty of these guns and their decorations the prices are exceedingly reasonable, ranging from $10.00 for the plainest to $100.00 for the most ornate and within this price range every sportsman will be able to find a piece to suit his particular requirements.



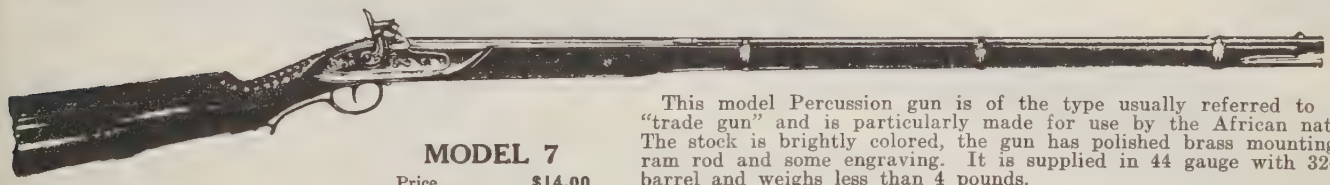
MODEL 21
Price $10.00

A plain but serviceable percussion single barrel gun, part octagon and part round barrel, 44 gauge with 32-inch barrel. Has damascus finish, straight English style stock with iron butt plate and ram rod. Polished fittings and brown walnut varnished stock.



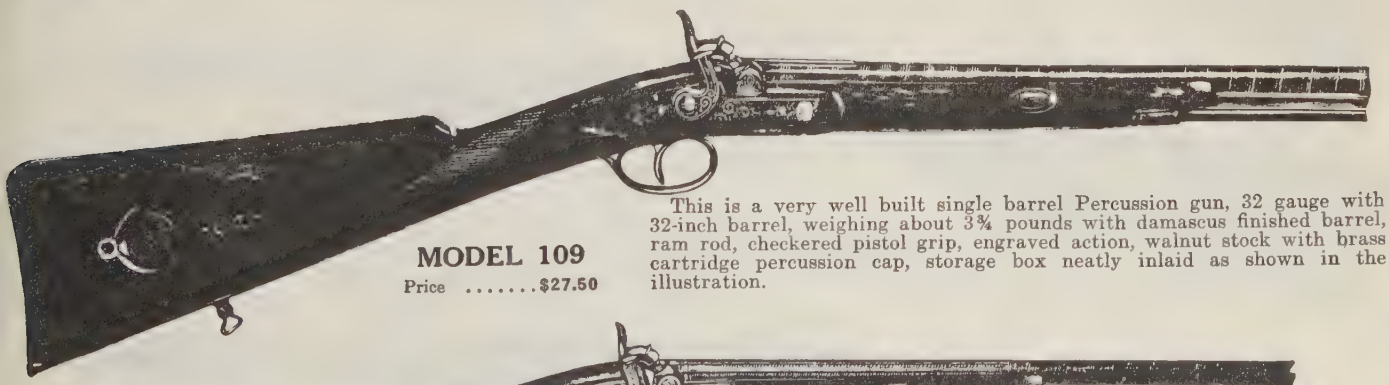
MODEL W24
Price $10.00

This gun is similar in style to the No. 21 except that it has a Military style stock with swivels, partially checkered, forearm and round barrel.



MODEL 7
Price $14.00

This model Percussion gun is of the type usually referred to as a "trade gun" and is particularly made for use by the African natives. The stock is brightly colored, the gun has polished brass mountings, a ram rod and some engraving. It is supplied in 44 gauge with 32-inch barrel and weighs less than 4 pounds.



MODEL 109
Price $27.50

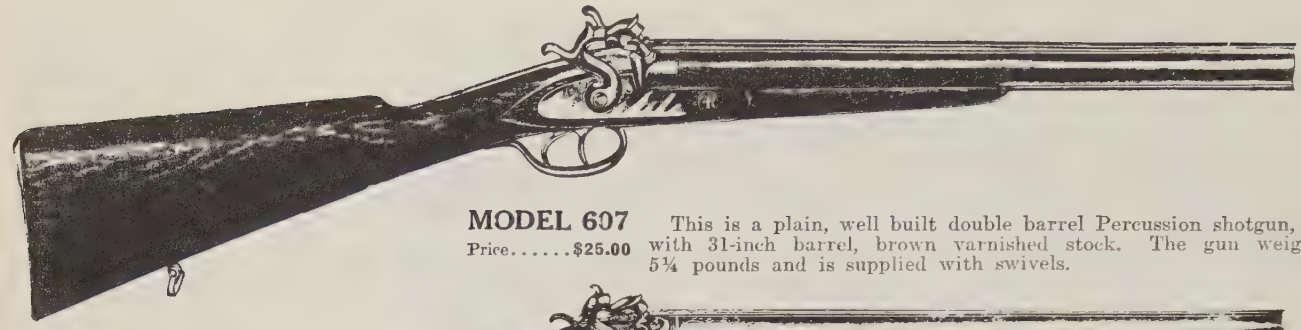
This is a very well built single barrel Percussion gun, 32 gauge with 32-inch barrel, weighing about 3¾ pounds with damascus finished barrel, ram rod, checkered pistol grip, engraved action, walnut stock with brass cartridge percussion cap, storage box neatly inlaid as shown in the illustration.

MODEL 73
Price $35.00

This is a very ornate single barrel Percussion gun of French pattern with head carved into the stock, fancy checkering and elaborate engraving. The barrel is of damascus finish and the gun is supplied with ram rod. The stock has pearl forend tip with silver inlaid into the grip and forend, part octagon barrel, engraved with oak leaves. A pieve of exceptional beauty.

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

DOUBLE MUZZLE LOADING GUNS

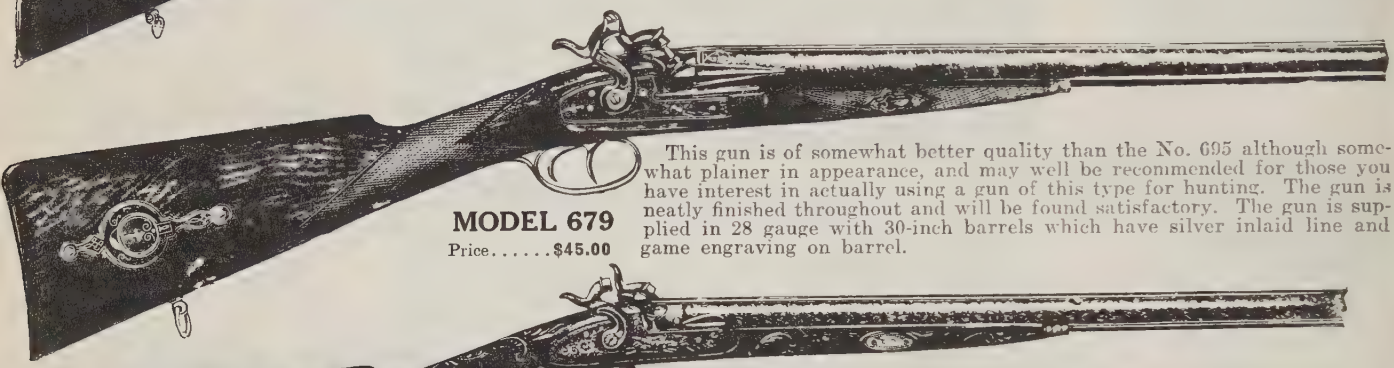


MODEL 607
Price.....$25.00

This is a plain, well built double barrel Percussion shotgun, 12 gauge with 31-inch barrel, brown varnished stock. The gun weighs about 5¼ pounds and is supplied with swivels.

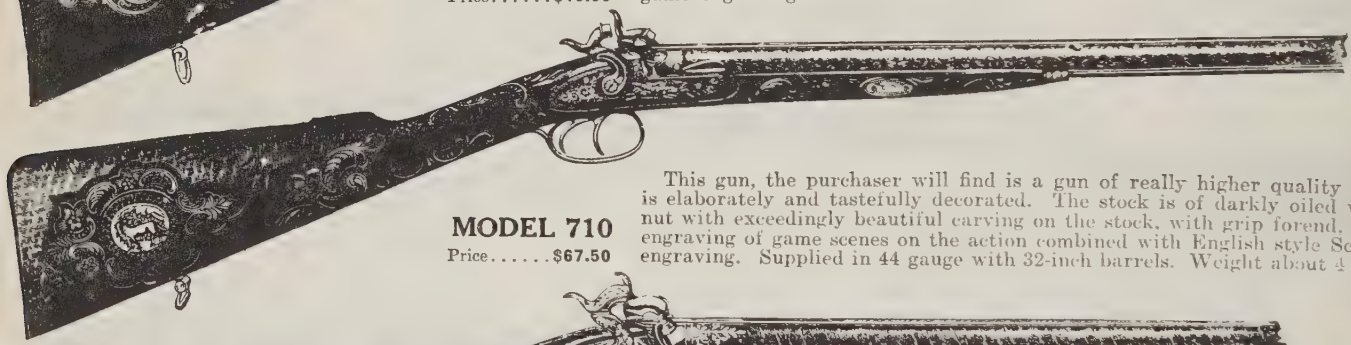
MODEL 695
Price.....$40.00

This is a fancy double barrel muzzle loading Percussion shotgun, 12 gauge with 30-inch barrels and weighing about 6¾ pounds. It is highly decorated with checkering on forearm and pistol grip as well as engraving both on the locks, hammers and barrels. A percussion cap receptacle is fitted into the stock as illustrated.



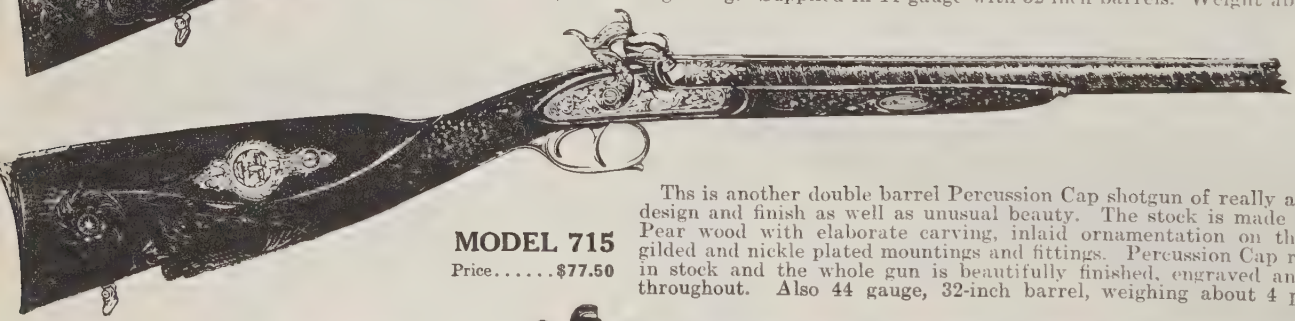
MODEL 679
Price.....$45.00

This gun is of somewhat better quality than the No. 695 although somewhat plainer in appearance, and may well be recommended for those you have interest in actually using a gun of this type for hunting. The gun is neatly finished throughout and will be found satisfactory. The gun is supplied in 28 gauge with 30-inch barrels which have silver inlaid line and game engraving on barrel.



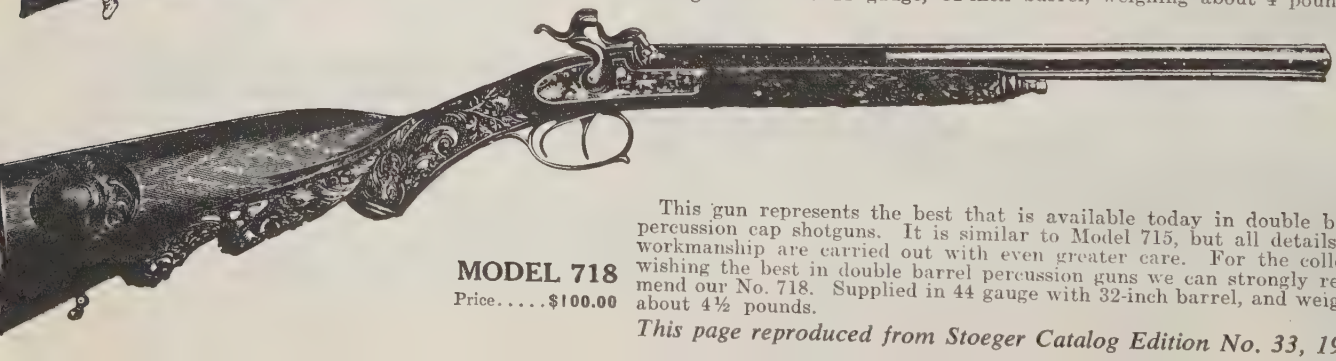
MODEL 710
Price.....$67.50

This gun, the purchaser will find is a gun of really higher quality and is elaborately and tastefully decorated. The stock is of darkly oiled walnut with exceedingly beautiful carving on the stock, with grip forend, fine engraving of game scenes on the action combined with English style Scroll engraving. Supplied in 44 gauge with 32-inch barrels. Weight about 4 lbs.



MODEL 715
Price.....$77.50

Ths is another double barrel Percussion Cap shotgun of really a superior design and finish as well as unusual beauty. The stock is made of tinted Pear wood with elaborate carving, inlaid ornamentation on the barrel, gilded and nickle plated mountings and fittings. Percussion Cap receptacle in stock and the whole gun is beautifully finished, engraved and carved throughout. Also 44 gauge, 32-inch barrel, weighing about 4 pounds.

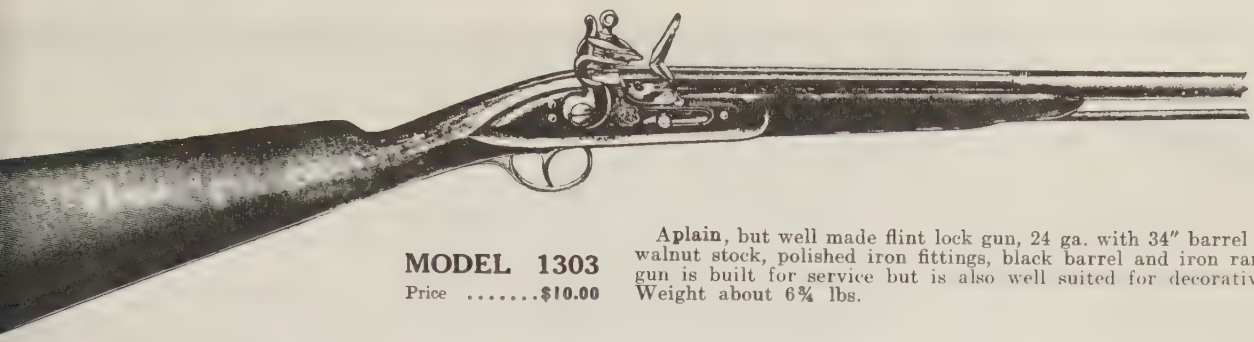


MODEL 718
Price.....$100.00

This gun represents the best that is available today in double barrel percussion cap shotguns. It is similar to Model 715, but all details and workmanship are carried out with even greater care. For the collector wishing the best in double barrel percussion guns we can strongly recommend our No. 718. Supplied in 44 gauge with 32-inch barrel, and weighing about 4½ pounds.

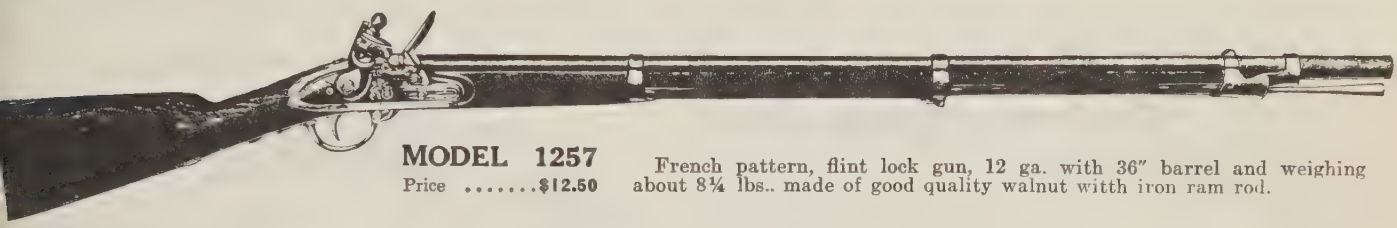
This page reproduced from Stoeger Catalog Edition No. 33, 1941.

SINGLE BARREL MUZZLE LOADING FLINT LOCK GUNS



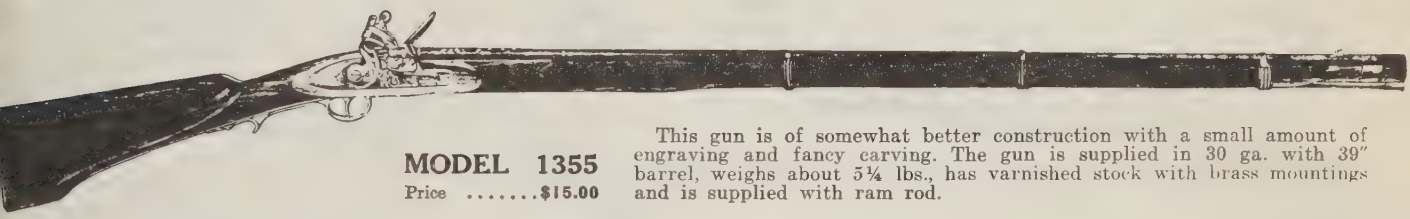
MODEL 1303
Price $10.00

Aplain, but well made flint lock gun, 24 ga. with 34" barrel with brown walnut stock, polished iron fittings, black barrel and iron ram rod. This gun is built for service but is also well suited for decorative purposes. Weight about 6¾ lbs.



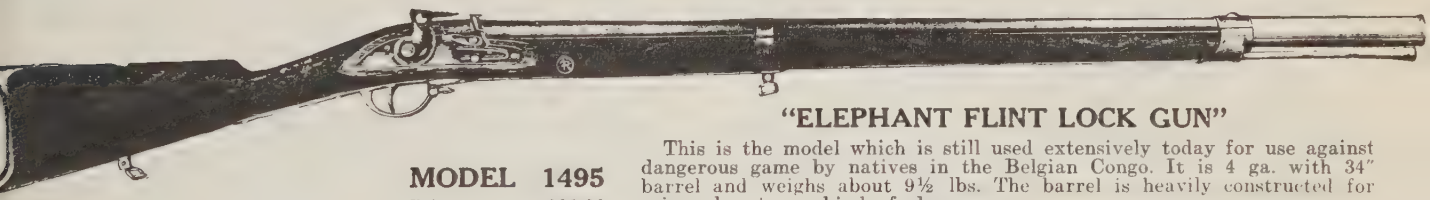
MODEL 1257
Price $12.50

French pattern, flint lock gun, 12 ga. with 36" barrel and weighing about 8¼ lbs.. made of good quality walnut witth iron ram rod.



MODEL 1355
Price $15.00

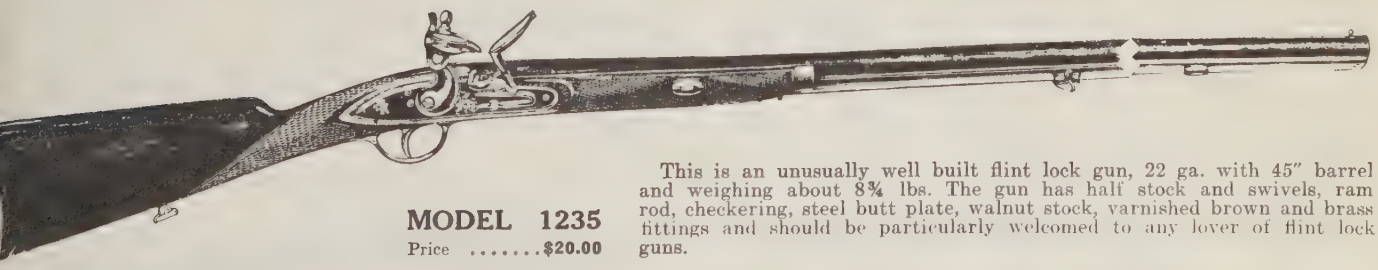
This gun is of somewhat better construction with a small amount of engraving and fancy carving. The gun is supplied in 30 ga. with 39" barrel, weighs about 5¼ lbs., has varnished stock with brass mountings and is supplied with ram rod.



"ELEPHANT FLINT LOCK GUN"

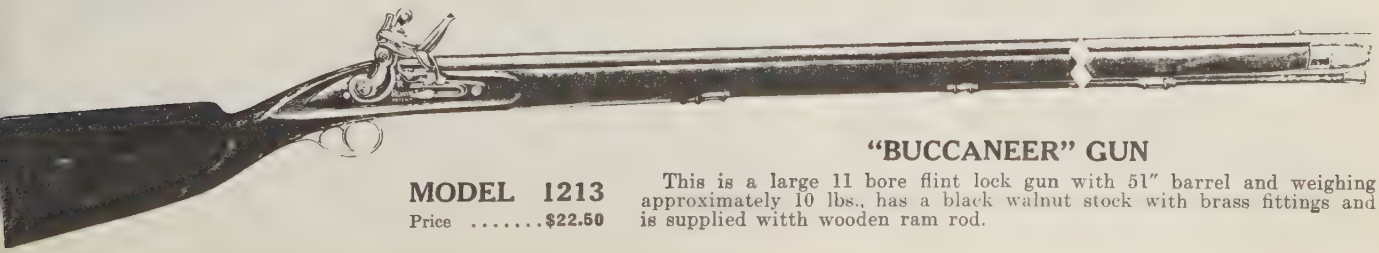
MODEL 1495
Price $20.00

This is the model which is still used extensively today for use against dangerous game by natives in the Belgian Congo. It is 4 ga. with 34" barrel and weighs about 9½ lbs. The barrel is heavily constructed for using almost any kind of slugs.



MODEL 1235
Price $20.00

This is an unusually well built flint lock gun, 22 ga. with 45" barrel and weighing about 8¾ lbs. The gun has half stock and swivels, ram rod, checkering, steel butt plate, walnut stock, varnished brown and brass fittings and should be particularly welcomed to any lover of flint lock guns.



"BUCCANEER" GUN

MODEL 1213
Price $22.50

This is a large 11 bore flint lock gun with 51" barrel and weighing approximately 10 lbs., has a black walnut stock with brass fittings and is supplied witth wooden ram rod.

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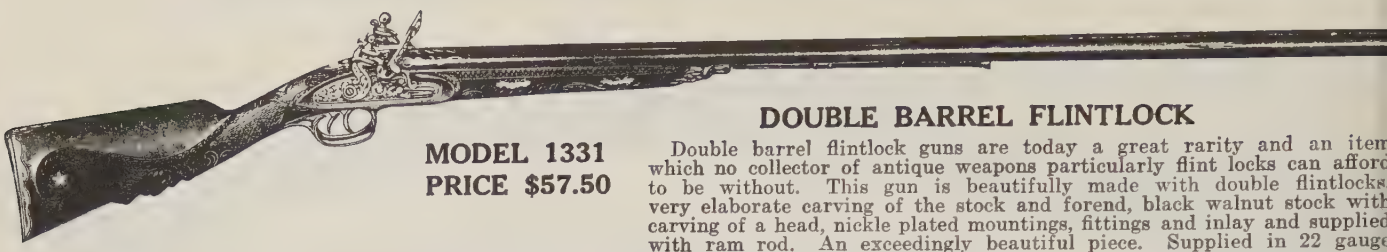
FLINT AND PERCUSSION GUNS AND PISTOLS



MODEL 1331
PRICE $57.50

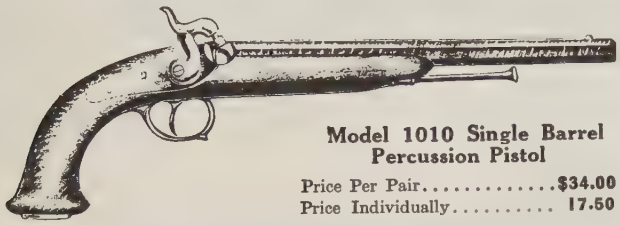
DOUBLE BARREL FLINTLOCK

Double barrel flintlock guns are today a great rarity and an item which no collector of antique weapons particularly flint locks can afford to be without. This gun is beautifully made with double flintlocks very elaborate carving of the stock and forend, black walnut stock with carving of a head, nickle plated mountings, fittings and inlay and supplied with ram rod. An exceedingly beautiful piece. Supplied in 22 gauge weighing about 6¾ pounds.

PERCUSSION CAP PISTOLS

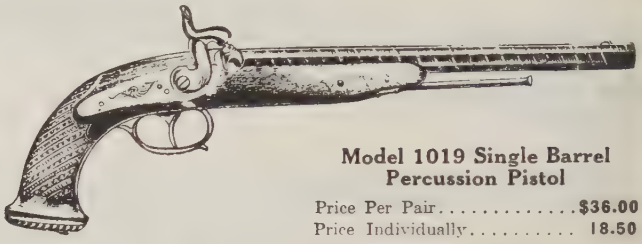
In addition to the line of antique shotguns and rifles we have had call for, the old-fashioned type of Percussion Cap Duelling Pistol has come into popularity and we are, therefore, offering four types as illustrated below.

These pistols are made in 36 cal. with 8-inch barrel. The general style and workmanship is better illustrated than can be described verbally.



Model 1010 Single Barrel Percussion Pistol

Price Per Pair.....**$34.00**
Price Individually..... **17.50**

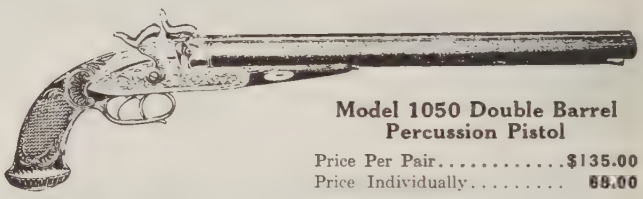


Model 1019 Single Barrel Percussion Pistol

Price Per Pair.....**$36.00**
Price Individually..... **18.50**

Model 1028 Single Barrel Percussion Pistol

Price Per Pair.....**$70.00**
Price Individually **36.00**



Model 1050 Double Barrel Percussion Pistol

Price Per Pair.....**$135.00**
Price Individually..... **68.00**

BLACK POWDER CHARGES FOR MUZZLE LOADERS

The following charges are those given in an extract of rules and regulations, made in the month of February, 1896, by the Gunmakers' Company and the Guardians of the Birmingham Proof House, under authority of the Gun Barrel Proof Act of 1886.

NUMBER OF GAUGE	SERVICE CHARGE			
	grains.	drs.	grains.	oz.
4	273	10	1531	3½
5	213	7 25/32	1217	2 25/32
6	179	6 17/32	1025	2 11/32
7	154	5⅝	889	2 1/32
8	135	4 15/16	793	1 13/16
9	122	4 5/32	725	1 11/16
10	109	4	656	1½
11	96	3½	574	1 5/16
12 to 13	89	3¼	547	1¼
14 to 15	82	3	492	1⅛
16 to 18	75	2¾	437	1
19 to 21	68	2½	383	⅞
22 to 30	55	2	328	¾
31 to 40	41	1½	246	9/16
41 to 50	27	1	164	⅜

FLINTLOCK PARTS

Two Piece Lock	**$6.00**
Filed Hammer	**6.00**
Large Spring	**1.25**
Small Spring	**1.25**
Flints ..... 6 for	**.75**
each	**.25**

PERCUSSION LOCK PARTS

Complete lock with foreward mechanism	**$5.00**
Complete lock with rear mechanism ..... 1st quality	**4.50**
Complete lock with rear mechanism ..... 2nd quality	**3.50**
Filed Hammer with rear mechanism	**1.25**

MOULDED ROUND LEAD BALLS

These balls are moulded to a close tolerance and are free of the deformities common to ordinary drop shot.

We recommend these balls to the muzzle loading enthusiast who wishes to attain the highest possible degree of accuracy.

Regular drop and chilled shot will be found described on page 310, and may be had in any size at $1.00 per 5 Lb. Bag.

	Dia. in In.	Dia in m/m	No. in Lb.	No. in Box	Price Per Box	Price Per 1000
.44 Game Getter	.425	10.79	60	50	**.35**	**6.40**
.44 S. & W Russian Gallery	.428	10.87	58	50	**.35**	**6.50**
.45-5 Armory Practice	.452	11.48	50	50	**.40**	**7.25**
½				50	**.50**	**9.00**
28 Gauge	.510	12.95	35	25	**.50**	**9.25**
24 Gauge	.542	13.76	29½	25	**.60**	**10.50**
20 Gauge	.545	13.84	28½	25	**.60**	**11.00**
16 Gauge	.610	15.49	20½	25	**.75**	**13.85**
12 Gauge	.645	16.38	17	25	**.90**	**16.25**
10 Gauge	.710	18.03	13½	25	**1.10**	**20.50**
.410 Gauge				50	**.35**	**5.10**

CROSS BOW

Made of selected walnut with double steel bow spring. Adjustable sights, hair trigger, and target style steel butt plate. This Cross-Bow is of heavy construction and requires the use of a special cocking lever which is supplied with it. Accurate up to 40 yards. Supplied with three special precision steel pointed darts. Weight, about 7 pounds.

Price	**$85.00**
Extra Darts ..... Each	**1.00**

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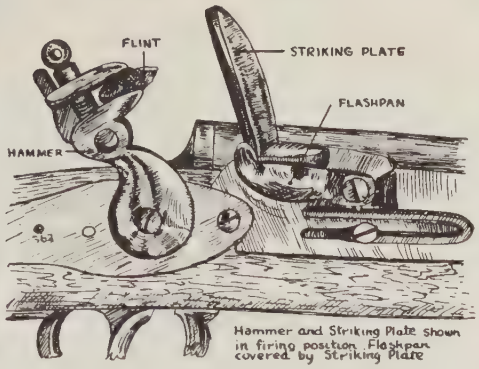
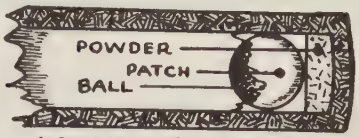
HOW TO LOAD AND FIRE A FLINTLOCK GUN

Suggested Equipment and Approximate Cost:

1. Flintlock Gun .....(From $27.50 to $54.00)
2. Powder Horn $6.50
3. Bullet Mould 8.00
4. Bullet Lead ..... (3 lb. Billet, per lb.) .40
5. Dipper ..... .75
6. Melting Pot 1.25
7. Black Powder* (Not furnished by us) .....
8. Extra Flints .....each .50



Hammer and Striking Plate shown in firing position. Flashpan covered by Striking Plate



LOADING SEQUENCE

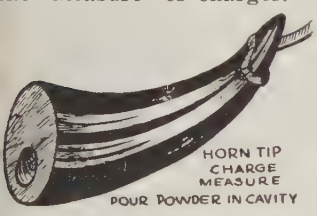
*NOTE: We cannot purchase or ship Black Powder from New York, for this reason we suggest you write to your local Hercules Powder Company or Dupont Company representative. We can furnish the home office address of either of these companies upon request.

A complete selection of Flintlock guns can be found on the facing page. At the same time you order the Flintlock of your choice you may order a bullet mould which we will supply in the proper caliber to cast solid round bullets.

HOW TO HANDLE AND SHOOT A FLINTLOCK

THE POWDER CHARGE

The black powder is stored in the powder horn. This horn is supplied with an extra horn tip which is referred to as the "measure" or charger.



In the flat end of this measure you will ream a hole which, when filled with black powder, will hold the exact charge for your particular gun. We are enclosing a table of charges for muzzle loading guns; merely select the gauge of your muzzle-loader in the left hand column and read the correct quantity of powder (in grains) in the next column. After you have measured this quantity of powder try to fit it in the hole of your measure. (A local druggist can help you by weighing the powder if you do not have the proper scale). If the powder charge does not fit in your measure merely ream the hole deeper until the powder fills it evenly at the brim.

CASTING BULLETS

To cast your round bullets you will need the mould, melting pot, dipper, and bullet lead.
The lead is melted in the pot until it flows freely. Then, with the dipper, pour the molten lead into the closed bullet mould until the mould is filled. Let it cool for a few seconds and then remove the finished bullet. Make as many bullets as you deem necessary.
During the days of Daniel Boone the backwoodsman carried a small leather pouch in which he stored his wadding and lead shot. This can also be used effectively by the modern muzzle loading hunters although they probably will have to make the pouch themselves as these pouches are not available commercially.

PATCHES

The accuracy of your shooting will depend a great deal on how you patch your bullet. A patch usually consists of a greased piece of linen or similar cloth. You can experiment with various thicknesses of rag cloth. The patch must be measured carefully. To do this merely center a piece of cloth over the muzzle of your barrel and stretch it tight. Then, with one of your lead bullets, force the cloth into the barrel. When the bullet reaches a position just within the muzzle, and is not protruding, cut off the excess cloth flush with the muzzle of your gun. Pull out the bullet and patch and use this sample to make a quantity of patches. Grease each patch evenly before using them. A thin coating of grease will make it easier to get the ball into the barrel. The old timers used saliva as a lubricant for their patches.

HOW TO LOAD AND FIRE THE MUZZLE LOADER

1. Be sure your Flintlock hammer is down before starting the loading procedure, and be sure the small hole from the flashpan to the barrel bore is clear of grease or debris.

2. With the gun standing up and resting on the heel of the butt stock, measure your powder charge and pour the entire charge down the clean barrel of your gun.

3. Center a lubricant patch over the muzzle of your gun and force one of your lead balls against the patch and into the barrel. With your ramrod firmly seat the ball and patch into the barrel against the powder charge. Do not use brute force when seating the ball as a deformed bullet is worthless and will prove inaccurate.

This completes the loading operation.

FIRING

Before you can fire your muzzle loader you will have to fill your flashpan with a few grains of black powder.
Finally, press the striking plate directly over the flashpan and "cock" the hammer. All that remains now is to put on your coonskin cap and pull the trigger.

SERVICE LOADS FOR MUZZLE LOADERS

Made in the Month of February, 1896 by the
GUNMAKER'S COMPANY
and the
GUARDIANS OF THE BIRMINGHAM PROOF HOUSE
Under Authority of the Gun Barrel Proof Act . . . 1868

Number of Gauge	Service Charge			
	Black Powder		Ball Shot	
	Grains	*Drs.*	*Grains*	*Oz.*
4	273	10	1531	3½
5	213	7 25/32	1217	2 25/32
6	179	6 17/32	1025	2 11/32
7	154	5⅝	889	2 1/32
8	135	4 15/16	793	1 13/16
9	122	4 15/32	725	1 21/32
10	109	4	656	1½
11	96	3½	574	1 5/16
12—13	89	3¼	547	1¼
14—15	82	3	492	1⅛
16—18	75	2¾	437	1
19—21	68	2½	383	⅞
22—30	55	2	328	¾
31—40	41	1½	246	9/16
41—50	27	1	164	⅜

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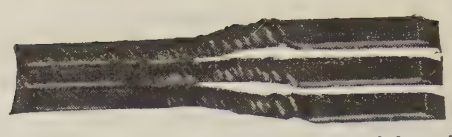
DAMASCUS BARRELS

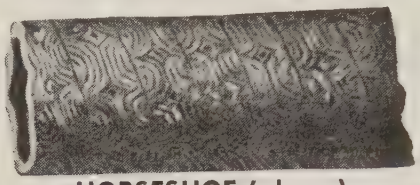


Damascus barrels consist of a combination of forged iron and steel. Strips of iron and steel are braided in different forms into a band. This is then wound around a mandrel and welded. The manufacture proceeds little by little; the form is worked with light hammering until all the small rods or wires are joined into a solid piece. The mandrel used as a form is then removed by boring it out. Depending upon how the wires are braided and twisted, there appears upon the finished barrel after browning or bluing, a more or less fine Damascus-like figure. The finer and more regular these appear, the greater the worth of the barrel.

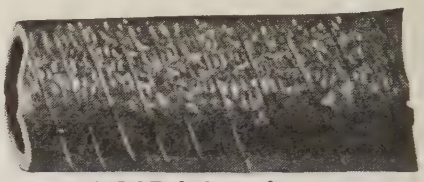
The cheapest Damascus barrels were the so called "band" Damascus barrels. Better types according to the quality are the so called "Horseshoe," "Rose," "Bernard," "Crolle," "Moire," and "Laminette." Other fine types of Damascus included those made in England, known as "Laminated Steel," and the genuine English Damascus produced in Marshall's workshops in Birmingham. Confidence in the quality of Damascus was so great that even ordinary steel barrels were either painted or covered with decalcomania showing Damascus patterns. These imitation Damascus are even now occasionally to be found.

The improvements in barrel steels have now, however, practically driven Damascus off the market. Until the year 1900 approximately one third to a half of all Belgian guns were produced with Damascus barrels. In Suhl, however, the switch over to the use of the much superior open-hearth steel type, the elastic limits of which even in the very cheapest types, are equal to the very best Damascus barrels, i.e. about 45 kilograms per square millimeter, was undertaken considerably earlier.

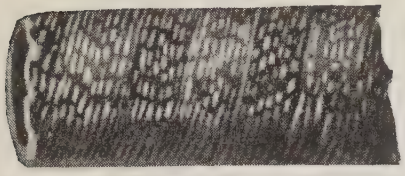
BAND (above)
BERNARD (below)

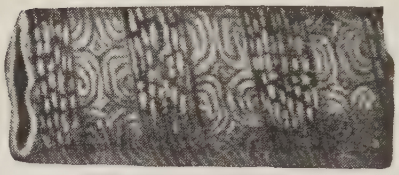


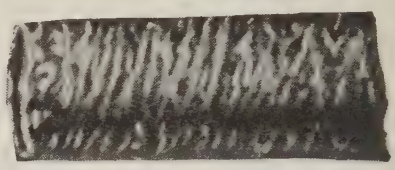
HORSESHOE (above)
LAMINETTE (below)



ROSE (above)
LAMINATED STEEL (below)

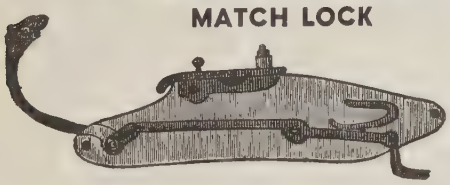




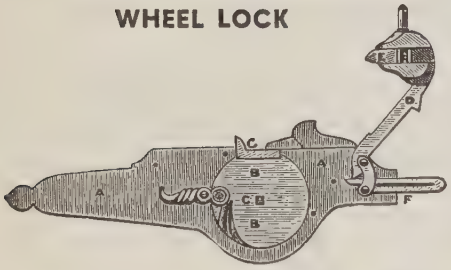


GUN LOCKS

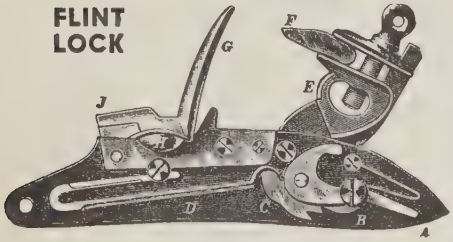
MATCH LOCK



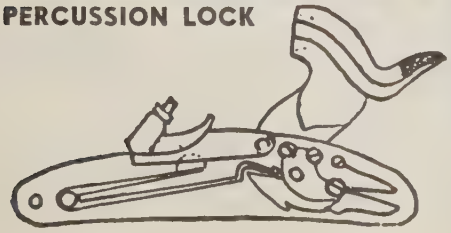
WHEEL LOCK



FLINT LOCK



PERCUSSION LOCK



MATCH LOCK

The illustration shows a rather advanced sample of the Match Lock which represents the earliest type of gun lock. The serpentine with the burning match is lowered by the trigger into the priming in the touch hole and the gun discharged.

WHEEL LOCK

Was invented in Germany in 1515. Its principal parts consist of a grooved steel wheel with serrated edge, motivated by a chain and spring. The wheel was wound up with a key and upon pressure on the trigger, the wheel was spinned against the pyrite, producing sparks and igniting the priming.

FLINT LOCK

Following the Wheel Lock came the Flint Lock, which was in general use through the beginning of the 19th century. The flint (f) in the hammer (e) strikes the battery (g) causing sparks, igniting the priming mixture in the flash pan (h). The flash is carried into the chamber through the touch hole and in turn ignites the actual powder charge.

PERCUSSION LOCK

In this type of lock, the hammer upon being released strikes the hollow nipple of which the hood shaped percussion cap has been placed. The flame thus enters into the powder chamber through the priming channel.

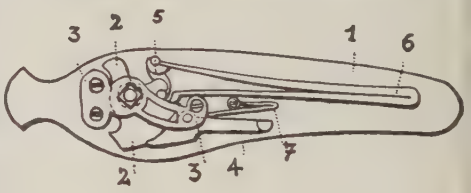
BACK ACTION LOCK BAR LOCK, & SEMI BAR LOCK

The Back Action Lock and Semi Bar Lock have a main spring (#6) in back. The Bar Lock has the main spring in front. The Bar Locks have a disadvantage in that they require just that section of the action to be milled out which should be strongest. On the other hand, the Bar Lock is stronger and, therefore, the modification in the form of the Semi Bar Lock is preferable. All modern locks of this type are made so that the hammer, after firing, springs back into a safe position and cannot touch the firing pin in this position. The number of parts are #1—Side Plate, #2—Nut, #3—Housing, #4—Sear, #5—Stirrup, #6—Main Spring, #7—Sear Spring.

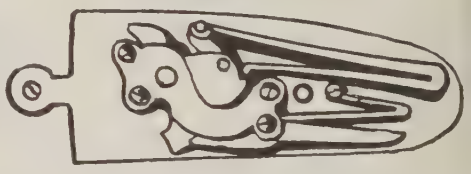
HOLLAND & HOLLAND HAMMERLESS LOCK

This represents the most modern form of the English Hammerless Side Lock, a feature of which is the double sear, which prevents accidental discharge.

BACK ACTION LOCK

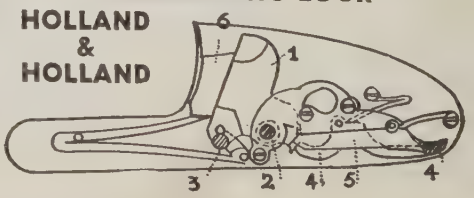


SEMI BAR LOCK



BAR LOCK

HAMMERLESS LOCK
HOLLAND & HOLLAND



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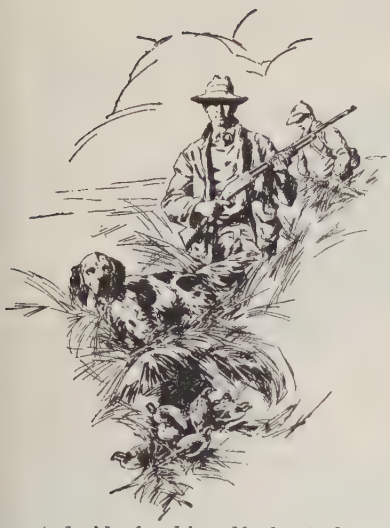
THE SHOTGUN



This article is written to assist the sportsman in the choice of a shotgun to suit his needs. Space does not permit and it is not our purpose at this time, to go into lengthy technical details. We are sure however, that the novice and perhaps some others will find the following remarks helpful.

First of all, anyone starting out to purchase a shotgun after consulting his friends who may claim to be experts, will frequently find that each friend has opposite ideas regarding the specifications and make. In spite of the advice of well meaning friends, one must decide for himself about the make, the specifications and the cost of the gun which will best suit his needs. It is not difficult for the beginner to choose the proper gun. Three things must be considered; the amount to be spent, the kind of game which will be hunted and the specifications, which include the dimensions of the stock, length of barrel, choke of barrels, the weight, etc. We illustrate, describe and price many shotguns, including the single barrel, double barrel, repeating slide action, automatic, over and under and the drilling models (the conventional single or double barrel shotgun with one or more rifle barrels).

The next thing to be considered is the gauge, this means the inside diameter of the barrel tube. A glance at our ammunition pages will show shotgun gauges from the newly popularized 3 inch .410 gauge to the 10 gauge, shooting from ¾ ounces of shot to 1⅝ ounces of shot. We consider the popular gauges to be 12, 16, 20 and the new 3 inch .410 gauge. Those who wish a light weight gun should use a 20 or .410 gauge. Those who prefer a heavier gun shooting a powerful load, should choose a 12 gauge. It may be added that there are light and heavy shell loads available for each gauge. See ammunition pages.

After the gauge has been decided upon, the next matter to take up is the length of barrels and kind of choke desired.

Short barrels are desirable for brush shooting, also lightness and handiness. As the barrel length increases up to about 32 inches, the velocity and consequently the power of the load are slightly increased because the powder has an opportunity for fuller combustion. For long range shooting a 30 inch or 32 inch barrel should be chosen.

The "choke" of a gun refers to the diameter of the barrel at the muzzle compared to diameter of the barrel tube. Where the diameter at the muzzle is the same as in the barrel tube, it is known as cylinder bore. If it is smaller, it is "choked" and the amount of this choke is termed, improved cylinder, modified or full choke. A cylinder bore barrel groups about 45 per cent of its shot load in a 30 inch circle at 40 yards; a full choke barrel groups about 75 to 80 per cent. It will be readily understood that the narrower muzzle bunches the shot more compactly in passing, and this compactness of the shot group gives it added range.

In double barrel shotguns the first trigger usually fires the right hand barrel, the rear trigger the left barrel. For this reason the right barrel should always have the smaller amount of choke, the left barrel the greater, because the first shot is usually shot at closer range whereas when the second shot is fired the game is usually further. Again, if small game is hit at close range with a full choke charge, it will likely be shot to pieces and so full of lead as to make it useless for food purpose. An easy way to think of the effect of choke boring on the shot string, is to visualize the shot as coming out in funnel shape, the width of the funnel being reduced the greater the choke. This matter could be discussed at great length but for all practical purposes it is enough to say that guns are usually made with 26 inch barrels in cylinder or improved cylinder choke; 28 inch barrels are usually modified or full choke; 30 inch barrels are usually made in modified or full choke. Of course on special order one may have any length of barrel from 26 inches to 32 inches bored to suit one's requirements.

For field shooting the usual choice is 26 inch barrels, cylinder or improved cylinder choke. Any gauge gun to these specifications will be found suitable for rabbits, pheasants, quail, etc., shot within 20 to 35 yards. For game to be shot up to 45 yards one should have improved cylinder and modified choke with a 28 inch barrel. For duck shooting one should have a 28 inch or 30 inch full choke shotgun, shooting two or more shots and use a powerful shell.

We are frequently asked "What is the all around shotgun?" Our advice is that a 12 gauge shotgun, shooting two or more shots should have a barrel length of 28 inches, bored modified or full choke. With such a gun one may take game in the field using No. 8, 9 or 10 shot up to 40 yards. When it comes to shooting ducks or game where the range will be from 50 to 75 yards, one can take a powerful load of No. 4, 5 or 6 shot and kill ducks in some instances up to 75 yards.

For extremely long ranges, one should use a shotgun with 30 or 32 inch barrels and bored with what manufacturers call their long range boring. Using the most powerful shells available in No. 4, 5 or 6 shot one can frequently kill ducks at 85 yards. It should be remembered that the range of a shotgun is determined by the load of the shell, the size of shot, the length and choke of the barrel. State your requirements and we shall be pleased to assist you in the choice of a shotgun.

Shotgun stock dimensions will of course vary with the individual. It has however come to be accepted that a good shot can make a credible performance using a gun of our average stock dimensions which are: length of stock, 14 inches; drop at comb, 1⅝ inches; drop at heel, 2⅝ inches. Models will often vary an ⅛-inch from the above drops and ¼-inch more or less in the length of stock. Above all, a gun should feel "natural" and comfortable to the shooter.

Shotguns may be had in most any price range. One may buy a cheap and also an expensive model and find that they each shoot about the same range. The more expensive models have more hand work and hand fitting throughout. Gun making is still an art and in the finer shotgun one will find better materials, finish, balance and beauty. Most sportsmen are particular about these matters and demand a gun which will be a lasting pride and satisfaction.

Of recent years the new game of "Skeet" has become increasingly popular. It is not only an exciting sport but it closely approximates shooting conditions in the field. It is an all year sport which enables the shooter to improve his ability in the field. Skeet shotguns usually have barrel lengths of 26 inches and are bored cylinder and improved cylinder. Although recently manufacturers have adopted a new boring for this game known as "Skeet Choke." We list skeet guns, traps and other equipment.

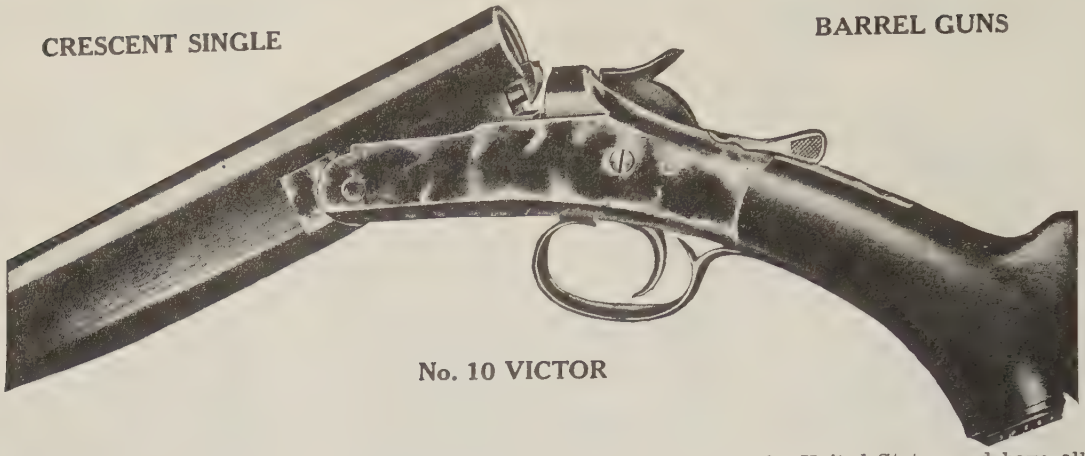
In shooting a shotgun it is well to remember that a natural and easy style should be acquired. Most of the best shots, shoot with both eyes open. They have become so accustomed to their gun that the aiming, leading and firing is instinctive. Shotgun shooting, as most sports, requires practice to become proficient. Skeet shooting is particularly recommended because it duplicates field shooting so closely and one may practice on the difficult shots until one becomes expert.

A study of our shotgun and ammunition pages will clear up many foggy points regarding shotguns and their use.

This page reproduced from Stoeger Catalog Edition No. 27, 1936.

CRESCENT GUNS ARE GOOD GUNS

CRESCENT SINGLE BARREL GUNS



No. 10 VICTOR

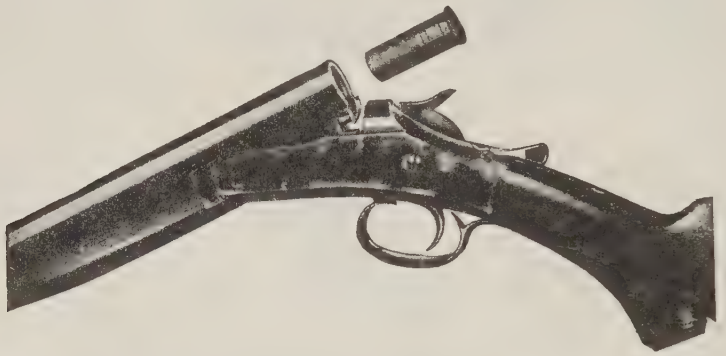
Our **Victor Single Barrel Guns** are the lowest priced single barrel guns made in the United States, and have all the features of any gun of a higher price, including capped pistol grip.

The barrels are made of special smokeless steel for nitro or black powder, full choked bored, walnut stock with rubber capped pistol grip and rubber butt plate; case hardened frame, rebounding hammer, patent snap fore-end.

SPECIFICATIONS:

12 ga. 26, 28, 30 and 32 inch barrels.
16 ga. 26, 28 and 30 inch barrels.
20 ga. 26, 28 and 30 inch barrels.
.410 ga. 26 inch barrel only.

No. 10 "Victor" Non-Ejector ..... **Price $11.00**



NO. 11 VICTOR

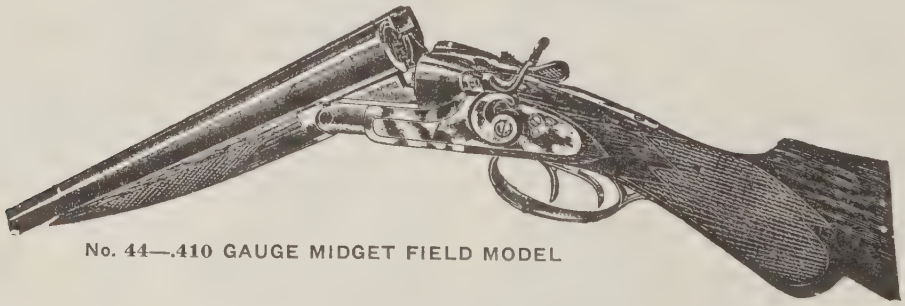
The barrels are made of special smokeless steel for nitro or black powder, full choked bored, walnut stock with rubber capped pistol grip and rubber butt plate; case hardened frame, rebounding hammer, patent snap fore-end.

SPECIFICATIONS:

12 ga. 26, 28, 30 and 32 inch barrels.
16 ga. 26, 28 and 30 inch barrels.
20 ga. 26, 28 and 30 inch barrels.
.410 ga. 26 inch barrel only.

No. 11 "Victor" Automatic Ejector ..... **Price $12.00**

CRESCENT FIRE ARMS CO. MACHINE MADE HAMMER GUNS



No. 44—.410 GAUGE MIDGET FIELD MODEL

No. 44 Midget Field Hammer Gun.—This model was particularly designed for small game shooting and in construction is all that its name implies. A miniature Double Barrel Gun that is practical for field shooting.

Nitro Steel Barrels, Bar Locks, Matted Extension Rib, Checkered Pistol Grip and Fore-end.

Length of barrels 26 inches only and weighs but 4 3-4 pounds.

This gun will also take 44/40 and 44XL Shot Cartridges ..... **Price $25.00**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

CRESCENT GUNS ARE GOOD GUNS

CRESCENT FIRE ARMS CO. MACHINE MADE HAMMERLESS GUNS

No. 6 PEERLESS

No. 6 Peerless Double Barrel Hammerless Gun.—The most popular medium priced hammerless gun ever manufactured, hundreds of thousands of them in use today.

One special feature of this gun is the simple construction of the bar lock as it contains but three essential working parts; namely, Hammer, sear and combination main and sear spring, also has Deeley & Edge Fore-end. All parts drop forged.

Barrels are made of special armory steel, bored particularly for hard shooting, with either black or smokeless powder, guaranteed not to shoot loose.

SPECIFICATIONS

12 ga., 26, 28, 30 and 32 inch barrels; 16 ga. 26, 28 and 30 inch barrels; 20 ga., 26, 28 and 30 inch barrels ..... **Price $26.50**

No. 66—.410 GAUGE QUAIL MODEL

No. 66 Quail Model Hammerless Gun.—The first American .410 gauge hammerless gun on the market. Thousands are in use and is a handy gun around the farm.

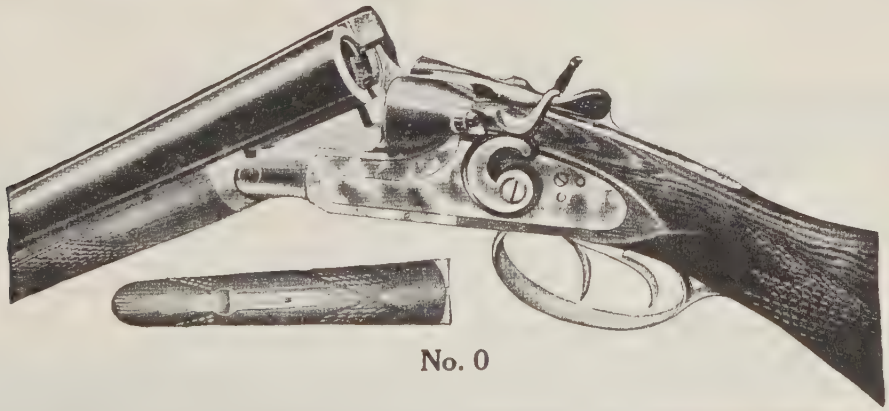
The locks are our own three-piece type, the most simple made and can be easily removed from the frame for cleaning.

The barrels are of special smokeless steel with tapered Bell Shaped Breech and are bored with special care for close hard shooting.

SPECIFICATIONS

Chambered for 410 ga. shells and will also take in same gun 44-40 or 44XL shot cartridges. Length of barrels 26 inch. Deeley & Edge Fore-end. Weight 5 3-4 lbs. ..... **Price $29.00**

CRESCENT FIRE ARMS CO., MACHINE MADE HAMMER GUNS



No. 0

No. 0 Double Barrel Hammer Gun—This Model has been on the market for a great many years, and without any question is the **Best Low-Priced Gun Manufactured Today.**

Its special features are bar rebounding locks, low circular hammers, Deeley & Edge Fore-end, and all parts, including frame, are drop forgings.

Barrels are made of special armory steel, bored particularly for hard shooting, with either black or smokeless powder, guaranteed not to shoot loose.

SPECIFICATIONS:

12 ga. 26, 28, 30 and 32 inch barrels. .20 ga. 26, 28 and 30 inch barrels. 16 ga. 26, 28 and 30 inch barrels.

No. 0 Double Barrel Hammer Gun ..... **Price $23.00**

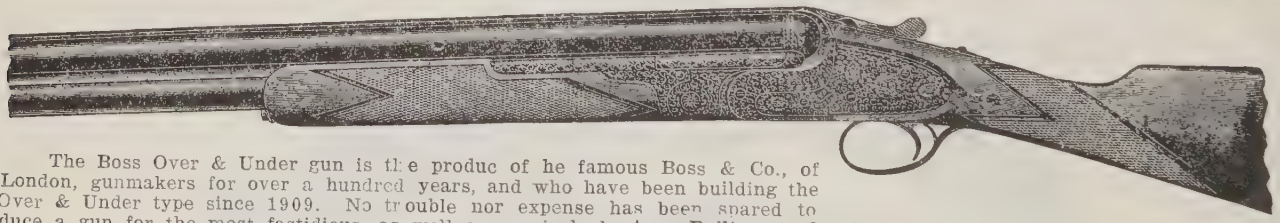
This page reproduced from Stoeger Catalog Edition No. 1, 1925.

ENGLISH SHOTGUNS

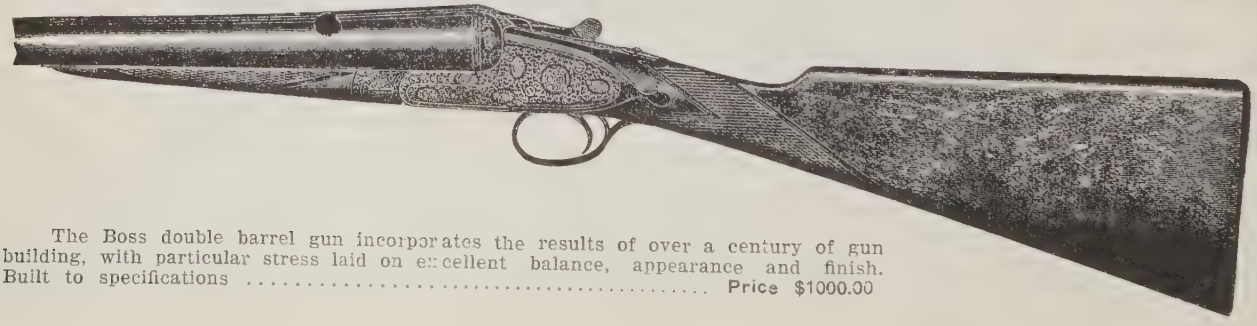
The Woodward Over & Under, considered by many experts the leading English gun of its type, varies radically from the continental type in locking in that the locking lugs are fitted on to the side of the barrels instead of below, thus lowering the height of the frame, giving the gun the smart appearance of the standard double barrel gun. The Woodward Over & Under is produced only in one model—the finest—with side lock system, and so-called "Purdy" fore-end. This gun may be built to order on practically any specifications.

Price ..... $1100.00 **Single trigger, extra** $110.00

The Woodward double barrel shotgun has been a standard for discriminating sportsmen since the days of the flintlock muzzle loader. The rebounding locks are one of the features, and have proven efficient. This gun may be had on special order on any Specification ..... Price $945.00



The Boss Over & Under gun is the produc of he famous Boss & Co., of London, gunmakers for over a hundred years, and who have been building the Over & Under type since 1909. No trouble nor expense has been spared to produce a gun for the most fastidious, as well as pracical shocter. **Built on order to any specifications** ..... Price $1180.00



The Boss double barrel gun incorporates the results of over a century of gun building, with particular stress laid on excellent balance, appearance and finish. Built to specifications ..... Price $1000.00

This page reproduced from Stoeger Catalog Edition No. 7, 1927.

ENGLISH SHOT GUNS

JAMES PURDEY & SONS

Best quality, hammerless ejector side lock gun with barrels of Whitworth steel, chambered for 2½ or 2⅝ inch shell. ..... **Price $870.00**

Hammerless ejector gun for pigeons or game, Whitworth steel barrels, triple bolting and side clips. **Price $900.00**

Hammerless ejector single barrel trap gun, Whitworth steel barrels ..... **Price $750.00**

Extra charge is made for matted rib, pistol grip stock, gold stock plate, single trigger or particularly ornate engraving.

Prices on Purdey high velocity rifles on request.

HOLLAND & HOLLAND

Hammerless Double Barrel Shotguns.

Model De Luxe, 12, 16 or 20 gauge	**Price $1150.00**
Royal Model, with triple lock	**Price $ 880.00**
Royal Model with double lock	**Price $ 750.00**
No. 2 Model with triple lock	**Price $ 580.00**
No. 2 Model with double lock	**Price $ 540.00**

Prices on Paradox guns as well as double barrel or magazine rifles will be given upon request.

W. W. GREENER

Hammerless Double Barrel Shotguns

Grade FH	**Price $525.00**	Grade F 25	**Price $200.00**
Grade FH 50	**Price 375.00**	Grade L 80	**Price 600.00**
Grade FH 35	**Price 270.00**	Grade EH 25	**Price 200.00**
Grade F 35	**Price 270.00**	Grade E 20	**Price 170.00**

Grade E 17 ..... **Price $150.00**

Prices for Greener hammer guns, single barrel guns, etc., upon request.

JOSEPH LANG

Lang highest quality, 12, 16, 20 or 28 gauge	**Price $750.00**
Lang second quality, 12, 16, 20 or 28 gauge	**Price $650.00**
Lang highest quality pigeon gun	**Price $750.00**

Detachable locks on above guns, extra $45.00

Lang Over & Under gun, 12, 16, 20 or 28 gauge ..... **Price $950.00**

CHURCHILL GUNS

Under & Over	Price $860.00
Premier Model	Price $720.00
Hercules Model	Price $560.00
Field Model	Price $440.00
Utility Model	Price $330.00

Single trigger, extra $70.00

Prices on Ogden Smith & Hussey, Lewis, and all other standard grades of English guns as well as complete information regarding any of the guns listed on these pages may be had upon application.

This page reproduced from Stoeger Catalog Edition No. 7, 1927.

HOLLAND & HOLLAND SHOTGUNS

The firm was founded in 1835 by Mr. Harris Holland who made sporting guns and rifles as a hobby and was persuaded by friends to take up the trade of gunmaking. In its earlier days the firm was celebrated chiefly for its rifles and was patronized by many well-known sportsmen in those days.

Mr. Henry W. Holland joined the firm in 1860 and carried on the business after the death of Mr. Harris Holland. Mr. Henry W. Holland in conjunction with other inventors introduced the "Try-Gun" for ascertaining stock measurements, the "Paradox" Ball and Shotgun, and the Holland Single Trigger.

Amongst other features which he brought out was an ingenious arrangement for making gun locks detachable by hand, and a very simple form of ejector mechanism, (Holland's Patent A.B. Ejector).

The firm's many innovations included a new system of boring for 16 bore guns, and their Special Treble Grip for Pigeon Guns shooting heavy charges. Best known, however, is the patent self-opening action, combining speedy opening with easy closing.

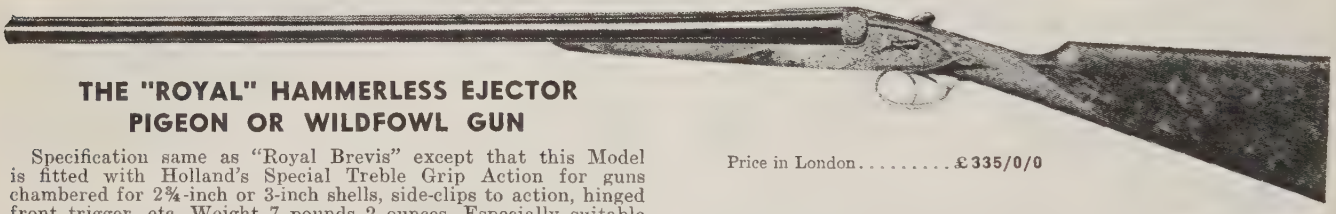
In 1883 all the "Field" Rifle Trials were won by Holland & Holland, and the weapons tested included 8, 10, 12 and 16 bore big game Hammer Rifles weighing from 12 pounds upwards, and rook and rabbit rifles of .250, .295 and .360 bore. Since then Holland & Holland guns have been awarded the highest prizes in international exhibits throughout the world.

"MODELE DE LUXE"

Price in London.....£350/0/0

This weapon, whilst containing all the points of H. & H. very best guns, has specially selected stocks, and in addition is finished in an exceedingly artistic manner, combining a best gun with a work of art. Selected workmen of great skill are employed on this gun, and extra time is spent on it in every department in order to secure the desired effects.

"Modele de Luxe" Guns with Patent Self-Opening Action represent the highest standard of modern gunmaking yet reached in any country.



THE "ROYAL" HAMMERLESS EJECTOR PIGEON OR WILDFOWL GUN

Specification same as "Royal Brevis" except that this Model is fitted with Holland's Special Treble Grip Action for guns chambered for 2¾-inch or 3-inch shells, side-clips to action, hinged front trigger, etc. Weight 7 pounds 2 ounces. Especially suitable for "Skeet" or other Trap Shooting.

Delivery of either the above Models can usually be made within a few weeks from receipt of order provided nothing abnormal in the way of stock measurements, etc., is required.

Price in London.....£335/0/0

The "Royal Brevis" Game Gun

Made in best quality only, 12 ga. with 2½" chamber

Price in London.....£320

SPECIFICATION: Hammerless Ejector Side-lock, Patent Self-Opening Mechanism, hand-detachable locks, two triggers, English walnut stock of specially selected well-figured dark wood. Boring is required.

Barrels of Vickers' finest Nickel Chrome Steel.

Stock measurements to suit individual requirements.

Perfect balance and finish, including fine engraving on locks plates, back of action, etc. and gold oval inlaid flush in stock for initials.

Holland's Patent SELF-OPENING mechanism consists of three strong limbs only, and the ROYAL BREVIS GUN fitted as it is with this latest development makes it the last word in the art of gunmaking. The principle of "self-opening" is by no means new, but the method employed by Holland & Holland, Ltd. is decidedly simple and ingenious—there is nothing to get out of order and nothing which is in the least likely to go wrong. It is a refinement which brings the Royal Brevis a step nearer to the goal of absolute mechanical perfection.

CENTENARY MODELS—12 Gauge—2" Chamber—Royal, Badminton, Dominion

Holland & Holland has now placed on the market a new choice for sportsmen, their "Centenary" Hammerless Ejector Gun, weighing only 5 pounds 6 ounces, chambered for the 2-inch shell.

The killing power of this gun is quite extraordinary. It is particularly suitable for driven grouse and partridges, and pheasants, also for "walking-up." Owing to its extreme lightness it can be carried on a long day's shoot with a minimum of fatigue. The "Centenary" Gun is of special utility to those sportsmen suffering from any form of physical disability, for the young and not so very young, and for ladies.

The "Centenary" is made in three models, the illustration and description of which will be found on following page. The price of any of these models in the "Centenary" Grade remains the same, as indicated for the respective guns.

This page reproduced from Stoeger Catalog Edition No. 42, 1951.

HOLLAND & HOLLAND SHOTGUNS

U. S. AGENTS

"UNDER AND OVER" ROYAL EJECTOR GUN

(New model in preparation)

The Holland & Holland "Under and Over" Royal Ejector Gun is built along unique lines which permit the use of two under-locking lugs without increasing the depth of the action. The locks are the same as in the famous side by side double guns for which Holland & Holland have been noted.

This gun is built only in one quality, the best, and as is the case in all Holland & Holland guns, the very best in design, quality, workmanship, balance and pattern may be expected and the shooter will never be disappointed.

THE "BADMINTON" 12, 16 and 20 Gauge

Price in London..... £210/0/0

Hammerless Ejector Game Gun, built on the lines of the "Royal Brevis" but without the Self-Opening Action. Similar in appearance to the "Royal Brevis." All lengths of barrels—25 to 30 inches. Double or Single Trigger (extra).

The above gun is intended to meet the requirements of those sportsmen wanting a sound, well-made and good-shooting weapon at a lower price than that of the very best quality.

The "Badminton" Guns are well-finished and finely balanced, and are recommended in every way. The principle of the Ejector mechanism is the same as in the Royal Brevis, and the locks have the same double safety arrangement.

THE "DOMINION" 12, 16 and 20 Gauge

Price in London..... £150/0/0

Hammerless Ejector Game Gun, especially designed for those requiring an inexpensive, sound, and plainly-finished weapon; particularly for rough use abroad. We have supplied large numbers of these Guns, which have given great satisfaction in all parts of the world.

All the working parts are strong and very simple, and the shooting powers of these weapons may be relied upon. As in all our hammerless guns, the locks are fitted with the intercepting safety blocks in addition to the usual automatic trigger safety.

All lengths of barrels 25—30 inches, but Double Trigger only.

"RIVIERA" EJECTOR GUN WITH TWO SETS OF BARRELS

Price in London..... £250/0/0

The "Riviera" gun has been designed and placed on the market to accommodate those shooters who require two guns but dislike changing from one to another. The "Riviera" gun is regularly supplied with two sets of barrels, allowing the owner, with one gun, to shoot duck or geese as well as brush and skeet.

The general description of this gun is identical to the "Badminton" described on this page.

The "Riviera" may be built exactly to the customer's specifications.

This page reproduced from Stoeger Catalog Edition No. 42, 1951.

W. W. GREENER'S HAMMERLESS EJECTOR GUNS

There are few manufactured articles which call for greater experience in their production than high-grade Sporting Shot Guns.

There are few firms with greater experience than the firm of W. W. Greener, Ltd.

Established in the year 1829, the firm has remained continuously under the ægis of members of the family in direct line from father to son, grandsons and great-grandsons, until the present day. Not only have successive members of the firm served their apprenticeships to some vital branch of gunmaking, but they have, from time to time, visited the four corners of the earth and have submitted their workmanship and theories to the actual test of shooting at all classes of Game, from Snipe to Hippo.

The Greener Gun today embodies a Century's experience of Craftsmanship, and this, with 50 years' Shooting experience, is at the sportsman's service.

W. W. GREENER'S HAMMERLESS GUNS

"FAR-KILLER" MODEL

DESCRIPTION.—As its name implies, the gun has been specially designed to fire heavy charges of both powder and shot with the maximum killing effect at long ranges. It is a Hammerless Non-ejector, fitted with the "Greener" Cross Bolt. The barrels are bored upon the "Field" Cup Winning System, with which "Greener" Guns beat all comers in the great London Trials of 1874, 1875; etc. Special attention is given to the shooting with large shot for ducks, geese and buck; and while we do not make the foolishly extravagant claims so frequently advertised by some makers, we confidently assert that this gun will consistently give the best results obtainable from any weapon of its class.

Built to order in 12 bore with 28 in., 30 in., or 32 in. barrels, chambered for 2¾ in. or 3 in. brass or paper case, firing 52 grains of smokeless powder and 1½ oz. of shot No. 4 to S.S.G. Weights recommended for 12-bore, 7½ to 9 lbs.

This gun is made as an Ejector Gun at..£52 10 0

A "wild duck" in flight is engraved on the rib of all "Far-killer" Guns.

GRADE F35. PRICE £36 15 0

PRICE IN U.S.A. $288.00

10-bore, price	£ 94 10 0
10-bore Ejector Gun, price	£141 15 0
8-bore, price	£115 10 0
8-bore Ejector Gun, price	£173 4 0

W. W. GREENER'S EJECTOR GUNS

GRADE DH40. PRICE £84/0/0

The 12-bore gun with 2 in. chambers is enjoying a certain vogue with those sportsmen who want an ultra light gun firing from ¾ oz. to ⅞ oz. of shot. The tendency of shooters today is towards light guns firing light loads.

To obtain the best results the gun is not an exact 12-bore and consequently the barrels are smaller, this tending to reduce weight in all parts when the gun is proportionate.

The gun as at present made is in our opinion too light, weighing as little as 5¼ lbs. It has considerable recoil and with shorter than 26 in. barrels appreciable muzzle blast, conducive to gun headache, and is clumsy for its weight. Owing to the small charge used it gives good patterns, although apart from the spread it does not equal in handiness the 24-bore firing the same load. It should weigh 5¾ lbs. with 26 in. barrels and normal stock measures.

No light gun can stand up to overloads.

W. W. GREENER'S EJECTOR GUNS

"CROWN" MODEL

DESCRIPTION.—A new model Hammerless Ejector gun, specially designed for the sportsman requiring a well-finished weapon at a moderate price. This is not a cheap grade gun, elaborately engraved, but is well-made of superior material throughout, and is the general purpose gun of the average sportsman, suitable for all purposes in all climes, and is practically the "Standard" Greener Gun. Greener Wrought Steel Barrels. Independent Side Safety, which can be made to work automatically if desired, or automatic Top Safety to order.

This grade can be supplied in any calibre from 12 to 28 at list price. Greener's Selective Single Trigger can be fitted at an additional cost of £10 10s. Non-Selective Single Trigger. £5 5s. extra. Made in 10-bore at 90 guineas, 8-bore at £110 5s.

GRADE DH55. PRICE £115/10/0

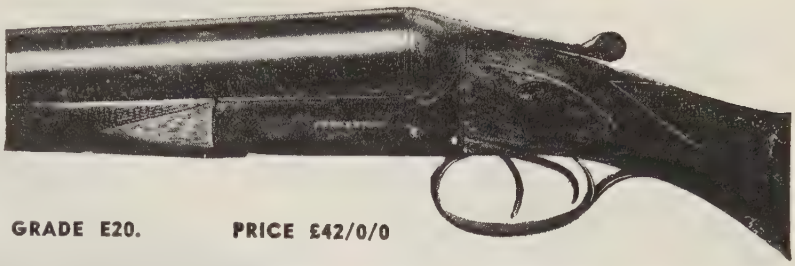
W. W. GREENER'S HAMMERLESS EJECTOR GUNS

W. W. GREENER'S HAMMERLESS GUNS

"EMPIRE" MODEL

A thoroughly reliable gun at a moderate price, capable of withstanding the rough usage to which the average shooter's gun is subjected and free from the constant breakages so frequently associated with the so-called "cheap machine-made gun."

This model competes in price with the mass-production gun without possessing the abnormalities of that article. It works easily, balances perfectly, and is a "good" gun in every sense of the word. Plainly, but well finished. Made in 12-bore only, with 28 in., 30 in., and 32 in., barrels, half-pistol hand stock, weighs from 6¾ to 8 lbs., chambered for 2½ in., 2¾ in. or 3 in. paper cartridges, choked to order, engine-turned rib.



GRADE E20. PRICE £42/0/0

W. W. GREENER'S EJECTOR GUNS

THE "JUBILEE" MODEL

GRADE DH35. PRICE £73/10/0

Many sportsmen have been deterred from the purchase of a W. W. Greener Ejector gun owing to the difficulty of obtaining a reliable gun at a reasonable price—this model has been introduced to meet this demand.

DESCRIPTION.—It is built as a light English Game Gun in 12 and 16 bore only, with 26, 27 or 28 inch barrels. Weight from 6 to 6½ lbs., stock measures to customers' requirements. Top Automatic Safety, ordinarily made with right barrel improved cylinder and left barrel full choked, but can be bored to order. It is adapted for light loads only, and unlike all other grades of 12-bore "Greener" guns is proved for the 1⅛ oz. load only.

This model has no extended rib or third bolt, and is made to meet the requirements of those sportsmen who prefer a perfectly plain "face" to barrels and action.

W. W. GREENER'S EJECTOR GUNS

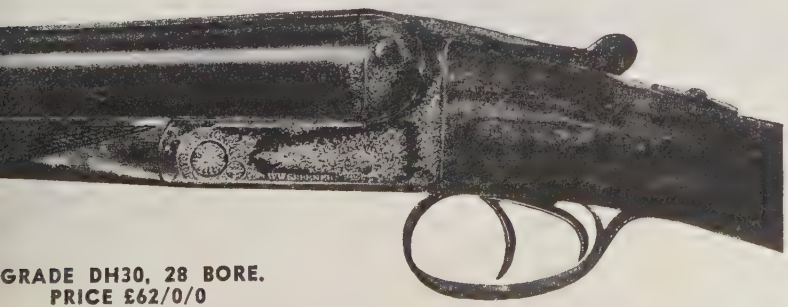
"COMMONWEALTH" MODEL

DESCRIPTION.—Every sportsman dreams of the time when the birds come hurtling over the butts or the ducks come down to the blind in such a rapid stream that the ordinary method of "unloading" is a waste of opportunities. This is when one longs for the last refinement of the modern gun—the Automatic Ejector. The EH25 grade places such a gun within the reach of all sportsmen. It is the adaptation of the well-known and well tried Empire Hammerless action to an improved system of the Forend Ejecting Mechanism, combining the reliable ejection of the fired cartridge case with the perfect functioning of the Empire gun.

This gun looks "good" in that indefinable way which the true sportsman appreciates when he first handles a "good gun." It is well engraved and finished. Can be made to order in 12-bore only, with 28-in., 30 in. or 32 in. barrels, in all weights from 6 lbs. 14 ozs.

GRADE EH33. PRICE £66/0/0

W. W. GREENER'S EJECTOR GUNS



GRADE DH30, 28 BORE.
PRICE £62/0/0

A gun of exceptional handiness, with a load of ⅝ of an ounce of shot the effective killing circle approximates 20 in. at 40 yards with a choke, and the same at 30 yards with open boring. The advantages of handiness, absence of recoil, noise and headache, make it a most desirable weapon for all who can shoot.

Can be made also in any quality from 50 guineas upwards.

Hammerless Ejector, without extension, 26 in. barrels, weight 4¾ lbs.

his page reproduced from Stoeger Catalog Edition No. 42, 1951.

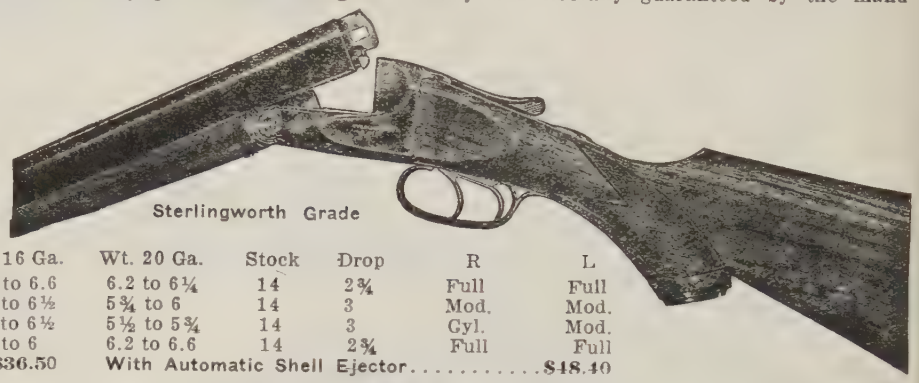
A. H. FOX SHOTGUNS

POINTS OF SUPERIORITY OF "THE FINEST GUN IN THE WORLD"

Simplest and strongest lock mechanism in any fire-arm. Non-breakable spiral springs used throughout, including main-spring, top lever spring, safety spring and ejector spring—and all guaranteed for all time. Fox rotary taper bolt will keep the gun tight forever—this is the Fox guarantee. Direct cocking Fox mechanism is unequalled for strength and simplicity. Requires less effort to cock the Fox that any other gun. Owing to the simplicity of mechanism, all superflous metal in frame is eliminated, giving the gun a perfect balance and at the same time leaving plenty of metal in barrels, where strain is the greatest. Fox taper bore is responsible for uniform pattern and maximum penetration attained in all Fox guns. Every gun is Fox proved and tested for uniform pattern and every part in all Fox guns is fully and liberally guaranteed by the manufacture—a fully "lived up to" guarantee.

Sterlingworth Fluid Compressed Steel Barrels, adapted to smokeless or black powders; American Walnut stock; full pistol cap grip; genuine hard rubber butt plate. Any other barrel borings if desired at no extra charge.

Note: Drop of stock changed ⅜ in. either way for **$3.50 extra.** Stock can be cut off to any desired length and refinished for **$2.00 extra.**

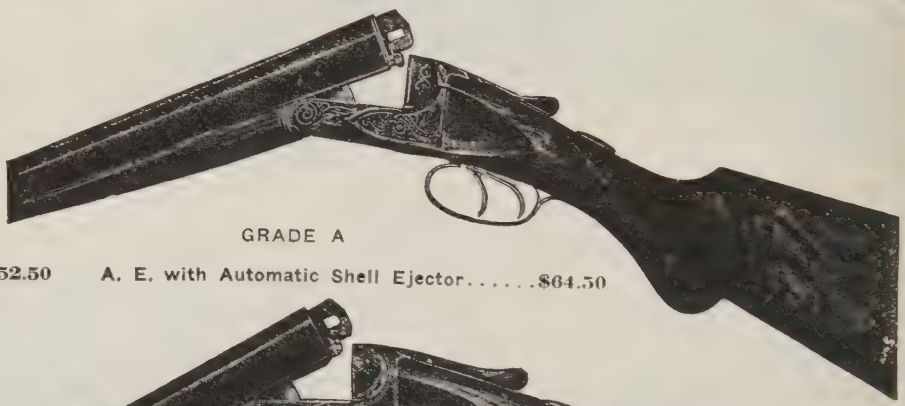


Sterlingworth Grade

	Barrels	Wt. 12 Ga.	Wt. 16 Ga.	Wt. 20 Ga.	Stock	Drop	R	L
Trap	32	7.10 to 7.14	6.6 to 6.6	6.2 to 6¼	14	2¾	Full	Full
Standard	30	7½ to 7¾	6¼ to 6½	5¾ to 6	14	3	Mod.	Mod.
Field	30	6.14 to 7.2	6 to 6½	5½ to 5¾	14	3	Gyl.	Mod.
Brush	30	6.10 to 7	5¾ to 6	6.2 to 6.6	14	2¾	Full	Full

Without Automatic Shell Ejector.....$36.50 With Automatic Shell Ejector.....$48.40

Grade A—Genuine Chromox Fluid Steel Barrels, adapted to smokeless or black powders. Dark walnut stock; checkered and engraved; half pistol grip; 12, 16 and 20 gauge; 26, 28, 30 and 32 in. barrels. Full pistol or straight grip to order at no extra charge. Weight 12 gauge, 6½ to 8 lbs.; 16 gauge, 5¼ to 7 lbs.; 20 gauge, 5½ to 6¾ lbs.; various drops and lengths of stocks.



GRADE A

Grade A .....$52.50 A. E. with Automatic Shell Ejector.....$64.50

The Super Fox HE Grade.. The long distance shooting Gun built especially for close pattern at extra long range. This Gun when used with factory loaded shells of any progressing powder gives patterns never before attained at 40, 50 and 60 yards and above. It is bored and chambered to shoot any cartridge of 2¾ inch, and will be chambered for 3 inch cases to order. The Standard Gun will have the stock length of 14⅛ inch, any drop at heel or comb.

GRADE HE

The wood is a good quality of English Walnut, nicely checkered and oil finished; the engraving furnished on this Gun is fine line border engraving. All stock guns will be bored full choke, with a guaranteed pattern of from 80 to 85 per cent. with shells recommended for this gun. Other borings will be furnished if specified. Made in 12 and 20 gauge, 30, 32-inch barrels; 8¾ to 9¾ lbs lbs., 12 gauge; 7¾ to 8¼ lbs., 20 gauge. Any style of stick made be had—**straight, half pistol grip or full pistol grip**.....Price $66.50

Grade CE—High Quality Chromox Fluid Steel Barrels, figured and dark finished, selected curley English walnut stock; artistic engraving, well covered with scroll and picture work. Half pistol grip; made in 12, 16 and 20 gauge; 26, 28, 30 and 32 inch barrels. Full pistol or straight grip to order at no extra charge. Weight 12 gauge, 6½ to 8 lbs.; 16 gauge, 5¾ to 7 lbs.; 20 gauge, 5½ to 6 ¾ lbs.

GRADE CE

This is the grade that is making good everywhere. In every respect it is unusual—a **high grade gun—at a very modest price.** It's a beauty in looks and finish. No gun will stand up better to hard work. It's every detail is perfect. And at the price it is in a class absolutely by itself.

CE with Automatic Shell Ejector..... $100.00

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

A. H. FOX SHOTGUNS

Grade XE—Best Quality of Chromox Fluid Steel Barrels, especially bored and tested by hand for evenness of pattern for trap shooting. Stock of beautifully figured Circassian Walnut of Monte Carlo type, or straight, half or full pistol grip, all at same price. Beautiful engraving of new style. Always equipped with Silver's Recoil Pad, Automatic Ejector, Lyman sights, unless otherwise ordered. Weight 12 Gauge, 6½ to 8 lbs.; 16 gauge, 5¾ to 7 lbs.; 20 gauge, 5½ to 6¾ lbs. Made with 26, 28, 30 and 32 inch barrels.

Grade XE **$172.00**

Grade DE—Best Quality Chromox Fluid Steel Barrels, dark finished selected Circassian Walnut stock of beautifully figured grain; engraving is a combination of beautiful scroll relieved by artistic pictures of game, birds and dogs. Straight half or full pistol grip. Made in 12, 16 and 20 gauge, 26, 28, 30 and 32-inch barrels. Weight 12 gauge, 6½ to 8 lbs.; 16 gauge, 5¾ to 7 lbs.; 20 gauge, 5½ to 6¾ lbs.

Grade DE **$256.60**

GRADE FE

Grade FE—Built to order guns, made for the sportsman who is only satisfied with the finest possible of the gunmaker's art. Both barrels and stock are selected from thousands for extraordinary accuracy and beauty. The engraving is a revelation in the art of gun ornamentation, consisting of beautiful gold inlaying surrounded by the richest old English scroll raised in artistic relief from a darkened background. Gold monogram or name is inlaid on trigger guard or shield and any special artistic work can be added if desired. This gun is built to order only to specifications desired, and it never fails to win the greatest admiration whenever shown.

FE Grade—With Automatic Shell Ejector **$466.50**

GRADE GE

Grade GE—This grade represents the premier gun built by Fox and is comparable only to the finest in the world. This gun is built only with Automatic Ejector and entirely to the customer's own specifications.

GE Grade— **$1026.00**

THE FOX-KAUTZKY SINGLE TRIGGER

The simpliest and strongest single trigger ever built. Because of new patent sear block, it cannot double. There is no part that can wear or break and it will always operate as intended and will never balk. There is no creep possible. It has force release properly timed for second shot which can be felt even through a heavy glove. It is perfectly selective at all times and when one barrel only is fired and gun reloaded, trigger returns to original barrel without attention from the shooter. The only single trigger with Automatic Safety. Fitted to any Fox gun, new or old, for..... **$28.90 net**

A. H. FOX SINGLE BARREL SHOTGUNS

GRADE "J"

Stock of figured French Walnut, straight, half or full pistol grip. A new and extremely attractive style of English engraving. 12 gauge only. Weight, 7 lbs. 6 ounces to 8 lbs. 30 and 32-inch barrels. Automatic Ejector. Lyman sights.

Grade J **$125.00**

GRADE "K"

Selected Circassian Walnut Stock of beautifully figured grain and new style of elaborate engravings on frame and barrel. Straight, half or full pistol grip. 12 gauge only. 30 and 32-inch barrel. Weight, 7 lbs. 6 ounces to 8 lbs. Automatic Ejector. Lyman sights.

Grade K **$150.00**

GRADE "L"

Beautifully figured Circassian Walnut Stock and elaborate original engraving on frame and barrel. Straight, half or full pistol grip. 12 gauge only. 30 and 32-inch barrel. Weight, 7 lbs. 6 ounces to 8 lbs. Automatic Ejector. Lyman Sights.

Grade L **$185.00**

GRADE "M"

A superbly finished built to order gun, beautifully and elaborately engraved and inlaid with gold. Finest Circassian Walnut stock. The most beautiful trap gun, and the finest ever built.

NOTE—Special High Grade Guns built to order to purchaser's specifications.

Grade M **$466.50**

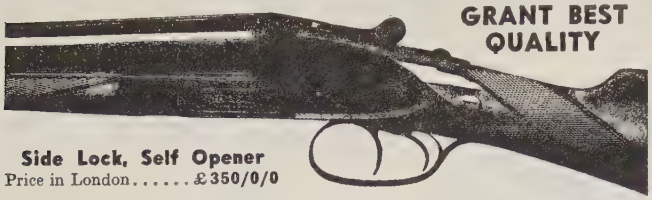
This page reproduced from Stoeger Catalog Edition No. 10, 1929.

STEPHEN GRANT & JOSEPH LANG, LTD.

ESTABLISHED 1881

Under the name of Stephen Grant & Joseph Lang, Ltd., have been combined the famous firms of Stephen Grant & Sons, Joseph Lang & Son, Charles Lancaster, Harrison & Hussey, Watson Bros. and F. Veesley. The names of Grant, Lang, and Lancaster have been famous in London and throughout the world for many generations. With the present amalgamation, the time honored makes and models have been retained and the quality is today the same as that which made each of these names so respected in its own right.

GRANT BEST QUALITY



Side Lock, Self Opener
Price in London.....£350/0/0

In uniting these firms every man of each staff was retained who could be suitably employed and full use of all the experience gained through years of service to shooters throughout the world has been made use of. Thus, placing the amalgamation in an exceptionally favorable position for giving the very best possible value and service.

Prices shown apply to guns of 12, 16, and 20 bore. There may be a slight increase for other sizes. Prices, too, apply to all guns with double trigger but if a single trigger is desired, we can confidently recommend the special Grant & Lang single trigger which may be applied to any of the guns at an additional cost of £32 in England.

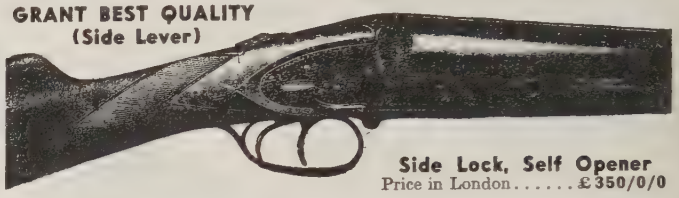
Since Stephen Grant started business 130 years ago, his name on a gun has always been a sign of the highest quality. It is the firm's constant endeavor not only to keep to this ideal but by improvements in design to present to sportsmen those refinements which are also reliable and useful.

The most important recent development is the production of an easy-opening action which also has the great advantage of being easy to close both before and after firing. The sales of this gun are clear evidence of its well-deserved popularity.

Grant side lever guns continue to be built in considerable numbers, and those who have been accustomed to their use would be particularly hard to convert to the use of the top lever.

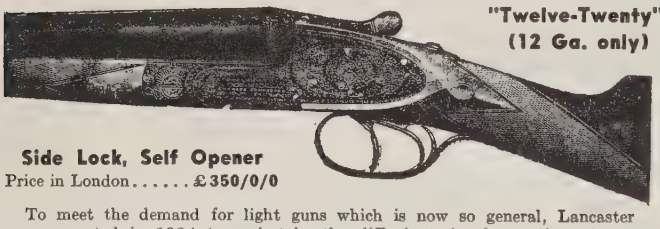
A further delight for the discriminating users of these most pleasing guns is the incorporation of the easy-opening mechanism. The up-to-date design, perfection of handling and ease of loading will be a revelation to those who consider side lever guns to be old-fashioned.

GRANT BEST QUALITY (Side Lever)



Side Lock, Self Opener
Price in London.....£350/0/0

CHARLES LANCASTER "Twelve-Twenty" (12 Ga. only)



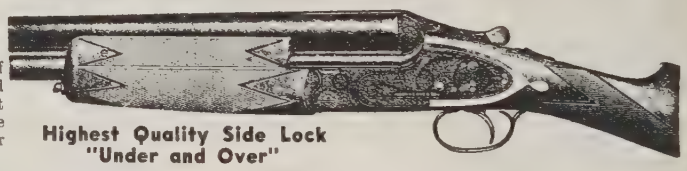
Side Lock, Self Opener
Price in London.....£350/0/0

To meet the demand for light guns which is now so general, Lancaster was prompted in 1924 to undertake the difficult task of manufacturing a light-weight model. The difficulty was, of course, to eliminate the discomfort hitherto caused by light guns and to retain the freedom from recoil experienced with heavier guns.

The result of persistent experiments was the "TWELVE-TWENTY," which is of the best materials and workmanship throughout. It incorporates the self-opening action and each component part has been designed specially in view of the fact that the gun weighs no more than a 20 bore, yet at the same time no sacrifice of strength has been made. Many of our customers are using these guns with the full charge of 33 grains of powder and 1 1/16 ounce of shot, but others find the popular 1 ounce load suits them better. The shooting is tested at 40 yards and with both these loads the effective killing distance is the same as that of an ordinary full-weight gun. We have had many expressions of satisfaction at the killing power of the "TWELVE-TWENTY," at more than usual sporting distances.

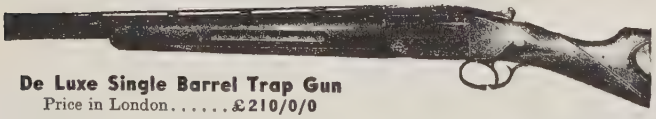
JOSEPH LANG & SON'S

It is claimed for the "Under and Over" gun that the vertical relation of the barrels makes accurate alignment easier and recoil less noticeable, and gives a more comfortable grip for the left hand. Many users also find that a gun of this type feels lighter than an ordinary "side-by-side" gun of the same weight. The Lang Over and Under is made with patent ejector, ejector cocking mechanism and method of extraction.



Highest Quality Side Lock "Under and Over"
Price in London.....£400/0/0

JOSEPH LANG & SON'S



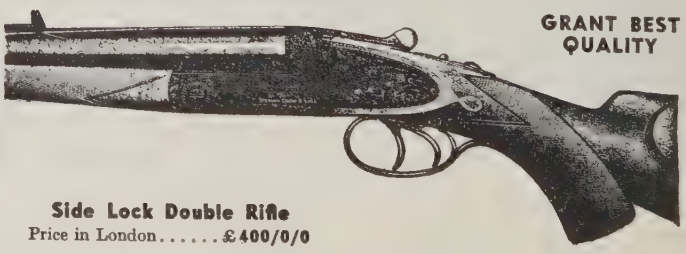
De Luxe Single Barrel Trap Gun
Price in London.....£210/0/0

In the manufacture of this gun particular attention is paid to the distribution of components to ensure handling and balance, bearing in mind the very special purpose for which it is to be used. The barrel is chambered and proved for the heavest pigeon charges and is bored to attain maximum efficiency as regards spread of the charge either at a medium distance or at the furthest range which can be reached with the assistance of choke. The forend is kept large to fill the left hand well and the rib is ventilated to prevent shimmer when the gun becomes hot. Further, the rib is level and file cut from end to end and incorporates an idea for rendering the aim more exact and for correcting any tendency the left eye may have to usurp the duty of alignment.

STEPHEN GRANT & SONS' DOUBLE BARRELED RIFLES

These rifles are made with the best type of side lock and with fine scroll engraving. Inasmuch as these rifles are built entirely to order almost any special requirements or considerations of the customer may be given full consideration. The building of fine rifles had from the first the close attention of the firm of Stephen Grant. Soundness of design, perfection in handling and accuracy of shooting are natural consequences of their experience of over a hundred years. The .470 was introduced by Lang when the .450 was banned in India and is the ideal big game rifle. In all bores from .256 to .600.

GRANT BEST QUALITY



Side Lock Double Rifle
Price in London.....£400/0/0

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STEPHEN GRANT & JOSEPH LANG, LTD.

ESTABLISHED 1821.

JOSEPH LANG & SON'S
SECOND QUALITY

This model embodies the principal features of the highest quality gun but due to its somewhat plainer exterior finish, permits it to be sold at a considerable saving in price as compared to the "best" quality guns. In smoothness, balance, handling and attention to detail, this gun will be found in par with most of the "best" guns. It may, of course, be had in all gauges and specifications as well as built to order.

Side Lock Ejector Gun

Price in London.....£265

JOSEPH LANG & SON'S
THIRD QUALITY

Side Lock Ejector Gun

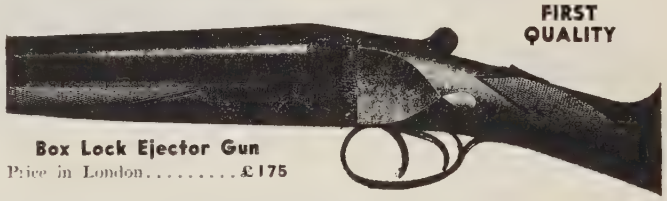
Price in London...£220

In this model will be found a sound, well-constructed and neatly finished gun introduced to meet the demand for a first-class side lock gun at a considerably lower price than the highest quality guns. The design and principal construction and operation are practically identical and the gun will be found to suit even the very meticulous. Made in all gauges and specifications.

JOSEPH LANG & SON'S
FIRST QUALITY

For Sportsmen whose shooting is not so extensive as to warrant the use of side lock guns, weapons built on the "box-lock" system can be recommended. The methods of construction adopted allow us to offer guns specially suitable for such sportsmen and for those who have to serve abroad, in climatic conditions which are often very unfavorable for keeping guns in good condition.

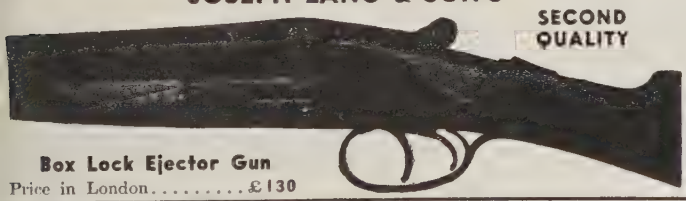
The gun illustrated here is a fine sample of the box-lock and handles delightfully.



Box Lock Ejector Gun

Price in London.....£175

JOSEPH LANG & SON'S
SECOND QUALITY



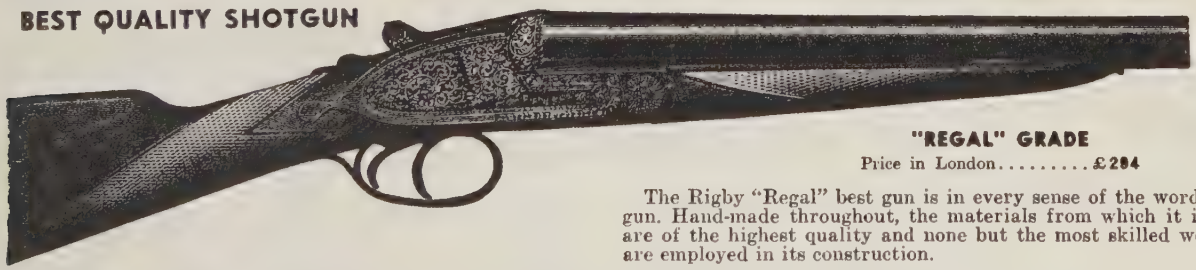
Box Lock Ejector Gun

Price in London.....£130

This gun which was introduced in 1901 has been improved from time to time and continues deservedly to be popular, especially with those satisfied only with a weapon of high quality but who are satisfied with plain finish. These guns will stand very rough service and we can highly recommend them for all around use. Made in all gauges and specifications.

John Rigby & Co.

JOHN RIGBY
BEST QUALITY SHOTGUN



"REGAL" GRADE

Price in London.....£284

In the realm of shot guns as in that of rifles the name Rigby stands for fine quality and a high standard of performance. Guns of Rigby's own make are available in four grades: the "Regal," the "Sandringham," the "Sackville," and the "Chatsworth." Whichever the purchaser selects he may feel sure that he is providing himself with a weapon that is thoroughly sound and reliable.

An outstanding feature of the Rigby guns is their beautiful balance. Its balance is important to the good shot and is doubly so to the beginner or to the indifferent performer, who will often find his shooting enormously improved by changing over to a gun that handles well.

A specialty is made of pairs of guns, matched exactly in weight, balance and shooting properties.

The Rigby "Regal" best gun is in every sense of the word a best gun. Hand-made throughout, the materials from which it is made are of the highest quality and none but the most skilled workmen are employed in its construction.

BARRELS—Chopper-lump of the finest quality nickel steel.

LOCKS—Bar-action side locks of the highest quality and workmanship with intercepting safety.

ACTION—Of the best steel with removable cross pin. A top-rib extension is completely unnecessary for this type of action and the barrels have a flush face.

EJECTORS—The best Southgate type of ejectors are used, carefully timed to ensure the requisite power and certainty.

STOCK—Beautifully figured walnut, carefully selected and fitted by master craftsmen.

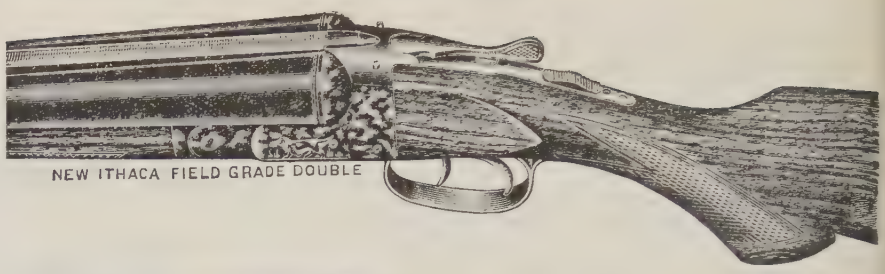
ENGRAVING AND FINISH—The engraving is of a bolt scroll pattern that will outlast years of hard wear. These guns are finished perfectly to the most minute detail and their appearance is as pleasing as their handling qualities.

Ithaca Guns

NEW ITHACA "FIELD" GRADE

The least expensive gun that can be guaranteed. It will last a lifetime. Barrels of Smokeless Powder steel, proof-tested with a double powder load. Stock and Forend of black walnut, oil finished, hand checkered, solid where stock joins the frame to prevent splitting, full pistol grip. Locks are of same mechanical construction as in higher grade Ithacas and this lightning lock will improve any man's shooting, 10, 12, 16, 20 and .410 gauge.

Price **$37.50**
Automatic Ejector, Extra **$17.50**


NEW ITHACA FIELD GRADE DOUBLE

NEW ITHACA NO. 1

Fluid steel barrels, adapted for nitro or black powder, stock and fore-end are of black walnut, hand checkered and full pistol grip, solid where stock joins the frame to prevent splitting. Locks, same as in higher grades, lightning-fast, with a clean pull. Engraving, frame, top lever, forend iron guard and trigger plate hand engraved; a leaf design of engraving is used on both sides of frame, trigger plate and top lever.

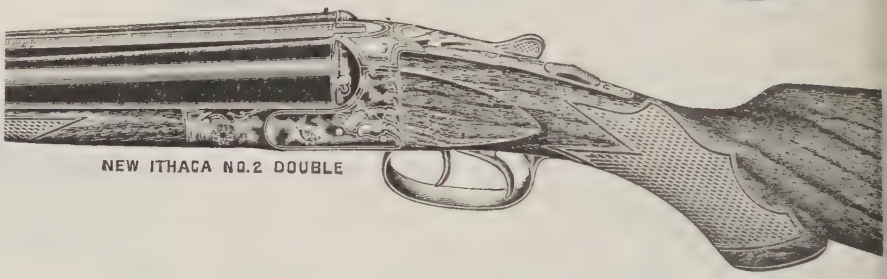
Price **$47.50**
Automatic Ejector, Extra **$17.50**

NEW ITHACA NO.1. DOUBLE

NEW ITHACA NO. 2

It is a thoroughly well-made and reliable gun at a moderate price. Barrels, Fluid steel of extra grade. Stock and Forend. Black walnut, with deep rich color and oil finish, neatly hand checkered, full pistol grip. Locks. Lightning fast locks that will stand use and misuse. You do not to have to strain your wrists to cock an Ithaca. Engraving. Frame, top lever, forend iron, trigger plate and guard engraved by hand. Bird scene and leaf design on each side of the frame, leaf design on trigger plate and guard.

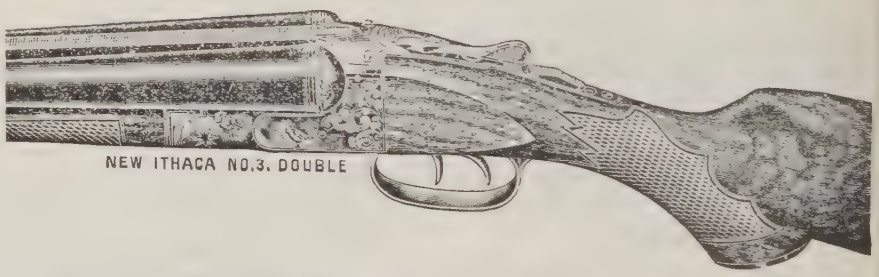
16, 12 and 10 gauge **$57.50**
Automatic Ejector, Extra **$17.50**


NEW ITHACA NO.2 DOUBLE

NEW ITHACA NO. 3

No. 3. A very neat and attractive, medium priced gun, well made, durable and dependable. Barrels of Special Fluid Steel. Stock and Forend. Black walnut, oil finished, selected for figure and hand checkered. A quick pull, lightning fast lock, easy to cock, simple in construction. Frame, top lever, forend iron, trigger plate and guard engraved by hand. Bird scene and scroll design on right and left sides of frame; duck scene and scroll design on trigger plate; scroll design on top lever; line and scroll design on guard.

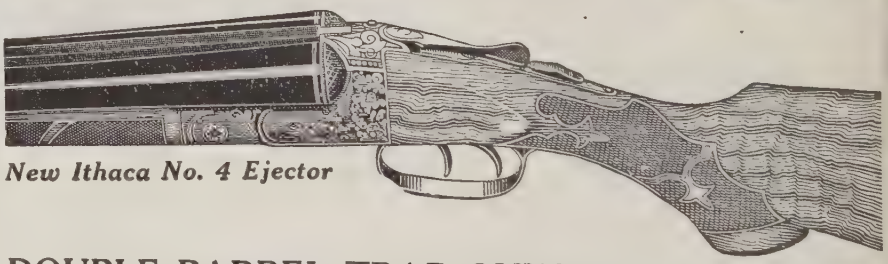
No. 3 grade, ... **$75.00**
Automatic Ejector, extra, ... **$17.50**


NEW ITHACA NO.3. DOUBLE

NEW ITHACA NO. 4

Best fluid steel. Stock: Nicely figured, carefully fitted, handsomely checkered walnut, made with full pistol grip unless otherwise ordered. Locks: Carefully adjusted to get a quick and smooth working lock. Engraving: Frame, top lever, guard and trigger plate hand engraved in an artistic manner. Leaf and flower design and duch scene on one side of frame, pheasant, leaf and flower design on other side, leaf and flower design on the guard and made in .410, 20, 16, 12 and 10 gauge in regular type gun.

No. 4 grade **$100.00**
Automatic Ejector, Extra **$17.50**


New Ithaca No. 4 Ejector

ITHACA DOUBLE BARREL TRAP GUNS

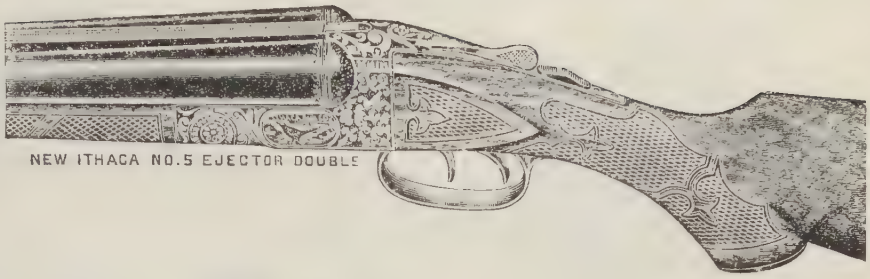
Ithaca Shotguns may be had for trap and field use with any or all of the following additions:

Lyman Ivory Sights	**$1.50**
Recoil Pads	**$5.00**
Selective Single trigger	**$30.00**
Beaver tail forearm on No. 3 Ejector or better grade	**$20.00**
Ventilated rib on No. 3 Ejector or better grade	**$30.00**

Ithaca Guns

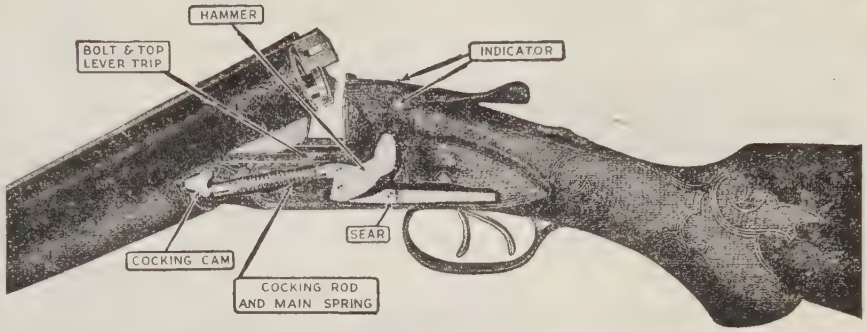
NEW ITHACA NO. 5

The New Model No. 5 Ejector Ithaca Double s a thing of beauty. In a dainty little .410 t is a delightful gun for "a lady fair" and n the big 10 bore it is THE water fowl gun 'PAR EXCELLENCE." Stock and Forend: Superbly beautiful walnut with a rich oil finish. Locks: Fitted by an expert and polished like a mirror. Engraving: An English Pheasant inlaid in pure silver on the left side of the frame, the Vanishing Woodcock in pure silver on the right side, the American Eagle is engraved on the bottom of the frame, and these are set in a background of leaf and flower design engraving.
Price No. 5 Automatic Ejector **$175.00**


NEW ITHACA NO.5 EJECTOR DOUBLE

NEW ITHACA NO. 7

The frame, guard, forearm iron, trigger plate, top lever and breech block are elaborately engraved and ornamented with oak leaf and acorn design in relief. Beautiful inlaid designs on the right and left sides of the frame, ducks on one side and pheasants on the other. Three different colors of metal are used in inlaying the ducks and cattails—green and yellow gold and silver, a gold elk's head is inlaid on the guard, an American eagle is inlaid in gold and silver on the trigger plate. The trigger is triple gold plated and hand checkered. It has a gold name plate in the stock. Specifications: .410 Cal., 26 inch barrels, weight about 5¾ lbs.; 20 gauge, 26 or 28 inch barrels, 6 to 6¼ lbs.; 16 gauge 26, 28 or 30 inch barrels, 6¼ to 6½ lbs.; 12 gauge 26 or 28 inch barrels, 6¾ to 7lbs.; with 30 inch barrels, 7 to 7¾ lbs.; with 32 inch barrels, 7½ to 8lbs.
No. 7 Grade, with Automatic Ejector **$350.00**

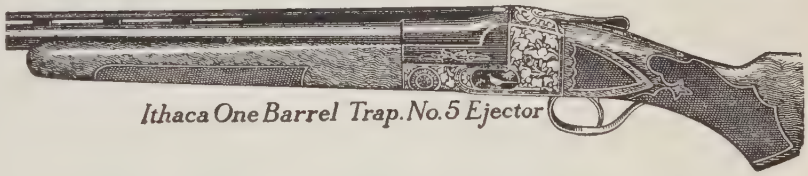


ITHACA SINGLE BARREL SHOTGUNS

The Ithaca Victory Grade Ejector—Popular priced thoroughbred single barrel trap gun. Not elaborately finished but built to "stand the racket" of trapshooting. Not built to order because it can only be produced at this price in quantity lots. Approximate Specifications: Stock, straight grip 14½" long, 1⅞" drop at heel. 1½" drop at comb; recoil pad. Barrel: 32"; 12 gauge, ventilated top rib, "beaver-tail" forend. Engraving: Frame, top lever, trigger plate, forend iron and trigger guard line engraved. Stock and Forend: Black walnut, hand checkered and oil finished. Price: Including ejector, soft rubber recoil pad and Lyman Ivory Sighes. **$100.00.**

ITHACA VICTORY EJECTOR ONE BARREL TRAP GUN

The Ithaca No. 5 Ejector One-Barrel Trap Gun has won the Grand American Handicap three times, championship of all Canada four times and the championship of the six New England States twice during the past few years. Selected oil finished, walnut stock, hand checkered in a neat artistic design. All Ithaca Singles have three lugs and are bolted at two points; that's why they will not shoot loose. Elaborately engraved with beautiful leaf and flower designs on the sides of frame and trigger plate; woodcock inlaid in silver on the right side of frame; pheasant inlaid on trigger plate and gold name plate in the stock. Twelve gauge, 30, 32 or 34 inch barrel.
Price, with recoil pad and Lyman Sights.....**$175.00**


Ithaca One Barrel Trap. No. 5 Ejector

ITHACA SINGLE BARREL TRAP GUNS ARE ALSO FURNISHED IN THE FOLLOWING GRADES
No. 4 EJECTOR.....$125.00 No. 7 EJECTOR.....$350.00 SOUSA SPECIAL EJECTOR.....$750.00

LEFEVER DOUBLE AND SINGLE BARREL CHOT GUNS

The Lefever Nitro Special has non-breakable coil springs, the stock is securely fastened to the frame with a draw bolt running up through the grip of the stock to the frame and the top snap may be tripped by simply pressing down with your thumb on a trip pin which comes up through the face of the frame. Made with the following standard specifications, and no other specifications can be furnished: 12 gauge. 28-inch; weight 7¼ lbs. 12 gauge, 30-inch; weight about 7 10 ozs. 16 gauge, 28-inch; weight about 5¾ lbs. 20 gauge, 28-inch; weight about 6¼ lbs. .410 gauge 26 inch; weight about 5¾ lbs.
Price **$28.25**

LEFEVER SINGLE BARREL LONG RANGE FIELD AND TRAP GUN

Every barrel is proof tested with an excessive load to make doubly sure it has the necessary material and strength to be safe ANY standard factory load. Genuine black walnut stock with full pistol grip hand checkered, hard rubber grip and butt plate. Forearm wood is black walnut hand checkered and, like the walnut stock highly finished in oil. This forearm is the trap gun type which fills the hand and keeps the hand off the barrel. Stock is about 14", drop about 2⅞". Gauges, lengths and weights are: 12 gauge 28", 30" or 32", weight about 7 lbs.; 16 gauge, 28", about 6 lbs.; 20 gauge, 28" about 5¾ lbs.; .410 gauge 26", about 5½ lbs.
Price **$16.00**

LEFEVER SINGLE BARREL TRAP GUN

(Not Illustrated)

The new Lefever single barrel hammerless trap gun has ejector, elevated ventilated rib, soft rubber recoil pad, ivory front and rear sights, a trap gun forearm which keeps the hand off the barrel and the thick, fat cone experienced trap shooters demand. The specifications which are 12 gauge 32 inch with a black walnut stock having the most popular trap specifications which are approximately 14½ inches long, a drop at the heel of 1⅞ inches, drop at cone 1½ inches, full pistol grip and a weight of about 8 pounds. **$35.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

ITHACA SHOTGUNS

FIELD GRADE

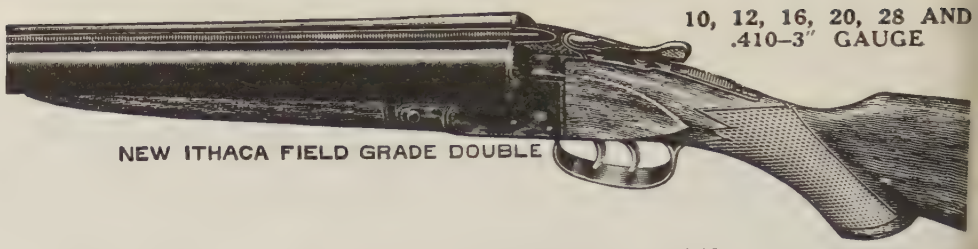
The Ithaca Field Gun. For skeet, trap or game shooting, it's the least expensive Ithaca we can build. It will last a lifetime.

BARRELS—Smokeless Powder steel, proof tested with a double powder load.

STOCK AND FOREND—Black walnut, hand checkered, solid where stock joins the frame to prevent splitting, full pistol grip.

LOCKS—Same mechanical construction as in higher grade Ithacas and this lightning lock will improve any man's shooting.

PRICE—Field grade, **$49.16.** Ejector, if wanted, costs **$13.05** extra. Ventilated rib, if wanted, **$16.37.** Beaver tail forearm, if wanted, **$10.98.** Ithaca Selective Single Trigger, if wanted, **$21.76.** Non-selective Single Trigger, if wanted, **$11.10,** on new or used Ithaca. Ithaca soft rubber recoil pad, if wanted, **$2.51.** Ivory Sights, if wanted, **$1.51.** Add **$10.80** for the Magnum 10 gauge.



10, 12, 16, 20, 28 AND .410–3″ GAUGE

NEW ITHACA FIELD GRADE DOUBLE

ITHACA SKEET MODEL FIELD GRADE

ITHACA SKEET GUNS

Available in all grades, Field, No. 2, No. 4, No. 5, No. 7, and $1,000.00 Grade. Special specifications best suited to skeet and upland game shooting as well: Beavertail forend, Selective Single Trigger, Automatic Ejectors, and Ivory Sights. Skeet Boring (excellent for field shooting, being an open type of boring) .26″ barrels are standard. 14″x2½″ are standard stock specifications. Reasonable variations at no extra charge. Furnished in .410, 28, 20, 16, and 12 gauge.

Prices of Skeet guns with extras as described: Field Grade—**$96.45,** No. 2—**$109.91,** No. 4—**$183.04,** No. 5—**$246.63,** No 7—**$427.27,** $1000.00 Grade—**$1031.03.**

A ventilated rib is sometimes desired on a Skeet gun. If so, add to above prices: $16.37 for Field and No. 2 Grades and $21.81 for No. 4, 5, 7, or $1000.00 Grades.

ITHACA NO. 2

10, 12, 16, 20, 28 AND .410–3″ GAUGE

The Ithaca No. 2, thoroughly well-made and reliable for skeet, game or trap, at a moderate price.

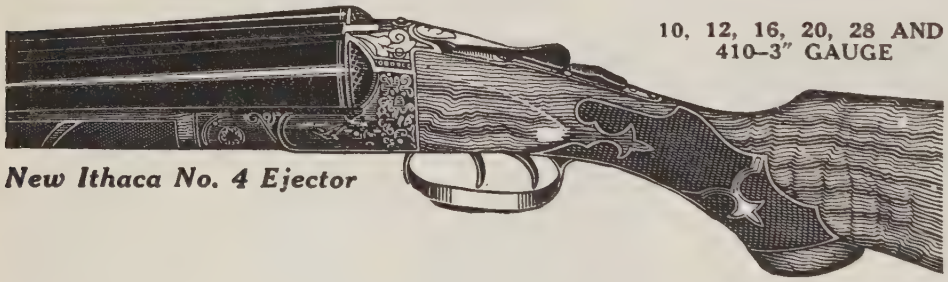
BARRELS—Fluid steel of extra grade.

STOCK AND FOREND—Black walnut with nice color and finish, neatly hand checkered full pistol grip.

LOCKS—Lightning fast locks that will stand use and misuse. You do not have to strain your wrist to cock an Ithaca.

ENGRAVING—Frame, top lever, foreend iron, trigger plate and guard engraved by hand. Bird scene and leaf design on each side of the frame, leaf design on trigger plate and guard.

PRICE—No. 2, **$62.61.** Ejector, if wanted, **$13.05** extra. Ventilated rib, if wanted, **$16.37.** Beaver tail forearm, if wanted, **$10.98.** Selective single trigger, if wanted, **$21.76.** Non-selective single trigger if wanted, **$11.10.** Soft rubber recoil pad, if wanted, **$2.51.** Ivory sights, if wanted, **$1.10.** Beaver tail forend, if wanted, **$10.90.** Raised ventilated rib, if wanted, **$16.37.** Add **$10.88** for the Magnum 10 gauge.



10, 12, 16, 20, 28 AND 410–3″ GAUGE

New Ithaca No. 4 Ejector

ITHACA NO. 4 EJECTOR

Best Fluid steel. Stock nicely figured, carefully fitted, handsomely checkered walnut made with full pistol grip unless otherwise ordered. Locks carefully adjusted to get a quick and smooth working lock. Engraving: Frame, top lever, guard and trigger plate hand engraved in an artistic manner. Duck scene on one side of frame; pheasant scene on other side; leaf and flower design on the guard and made in .410, 28, 20, 16, 12 and 10 gauge magnum.

No. 4 Ejector **$146.12**

IMPORTANT NOTICE

Ithaca Doubles may be had for Trap, Skeet and Field Use with any or all of the following extras:

Ivory Sights both front and rear on any gun above	**$1.10**
Ithaca Recoil Pad* (when sold separately no tax applies)	**2.51**
Ithaca Selective Single Trigger	**21.76**
Beaver tail forearm on Field, No. 2	**10.98**
Beaver tail forearm on No. 4 Ejector	**13.65**
Beaver tail forearm on No. 5, 7 or $1000.00 Grades	**$21.87**
Ventilated rib on Field, No. 2	**16.37**
Ventilated rib on No. 4, 5, 7 and $1000.00 Grades	**21.81**

Standard chamber lengths are now—.410 cal. 3 inches, 20, 16 and 12 gauge, 2¾ inches, 28 gauge, 2⅞ inches, Magnum 10 gauge, 3½ inches.

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

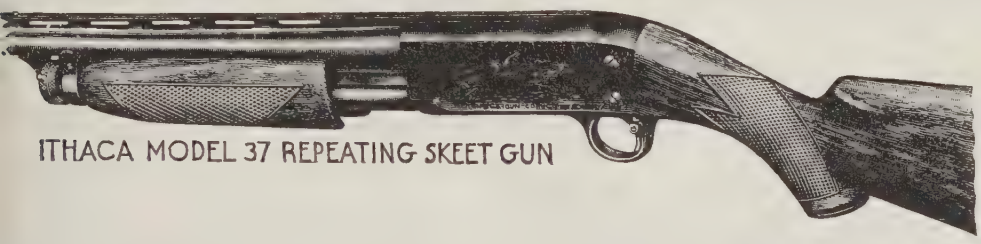
ITHACA FEATHERLIGHT REPEATING SHOTGUNS

ITHACA FEATHERLIGHT STANDARD GRADE REPEATER

MODEL 37

12, 16, and 20 gauge only. 12 gauge 26, 28, 30, and 32 inches. 16 gauge 26, 28, and 30 inches. 20 gauge 26 and 28 inches. These are Featherlight guns and may be had as light as 6½ pounds in the 12 gauge, 6 pounds in the 16 gauge, 5¾ pounds in the 20 gauge, AND every gun is thoroughly proof-tested with loads far more powerful than any available on the market. The light weight of this model as compared with other repeaters of the same and even smaller gauges makes it extremely popular for use in the field where a heavy arm is burdensome. Any choke. Five shot capacity—a plug is furnished to conform to the 3 shot Federal Migratory Bird Law. Chamber length 12, 16, and 20 gauge, 2¾ inches. Stock 14 inches. Drop 1⅝ inches at comb and 2¾ inches at heel. Full pistol grip with gripcap. Hand checkered stock and forend. Waterfowl scene on one side of receiver shows three ducks in natural setting. The other side has an equally pleasing hunting scene featuring a bird dog with two rising ringneck pheasants.

Price of Standard Grade Repeater	$43.90
Extra barrel for Model 37 (must be fitted at factory)	18.83
Special drop other than standard	5.64
Ithaca Recoil Pad	2.51
Stock shorter than standard	3.38



ITHACA SKEET GRADE REPEATER

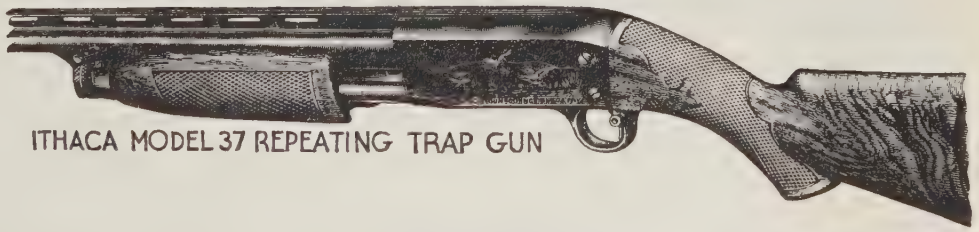
MODEL 37S

12, 16, and 20 gauge only. 12 gauge 26 and 28 inches. 16 gauge 26 and 28 inches. 20 gauge 26 and 28 inches. Weight about 7 pounds in the 12 gauge, about 6¾ pounds in the 16 gauge, about 6½ pounds in the 20 gauge. Skeet choke standard, but any choke available. Stock 14 inches. Drop 1½ inches at comb and 2½ inches at heel. Ventilated rib, same type as on Ithaca one barrel trap guns; no dips, no sway, AND NO RAMP (an exclusive Ithaca feature); absolutely unobstructed sighting plane. Lyman ivory sights, front and rear. Large skeet type forend. Stock and forend amply hand checkered. Full pistol grip with gripcap. Attractive game scenes on sides of receiver. Five shot capacity—plug furnished to conform to 3 shot Federal Migratory Bird Law. Chamber length 12, 16 and 20 gauge, 2¾ inches. The RAMPLESS ventilated rib, natural "feel," and effortless handling make this gun a real "pointer." That means more dead "targets and more successful field shots. This makes an excellent upland game gun as well as skeet gun.

Price of Skeet Grade Repeater	$67.96
Extra barrel with ventilated rib on Model 37S (must be fitted at factory)	39.37
Special drop other than standard	10.07
Ithaca Recoil Pad on Model 37S	2.51
Stock shorter than standard	3.38

ITHACA TRAP GRADE REPEATER

MODEL 37T



12, 16, and 20 gauge only. 12 gauge 30 and 32 inches. 16 gauge 26 and 28 inches. 20 gauge 26 and 28 inches. Full choke standard, but any choke furnished. Weight about 7½ to 7¾ pounds in the 12 gauge, about 6¾ to 7 pounds in the 16 gauge and about 6½ to 6¾ pounds in the 20 gauge. Stock 14½ inches. Drop 1½ inches at comb and 1⅞ inches at heel. Ithaca Soft Rubber Recoil Pad is standard equipment. Five shot capacity—plug furnished to conform to 3 shot Federal Migratory Bird Law. Chamber length 12, 16, and 20 gauge, 2¾ inches. The large, trap type forend and beautiful walnut stock of selected, figured wood are both elaborately hand checkered. Ithaca type RAMPLESS ventilated rib, the same type as chosen by EIGHT Grand American Handicap winners. Lyman front and rear ivory sights. Wild life settings on sides of receiver. This gun is as good for waterfowl and other game as it is for trap shooting.

Price of Trap Grade Repeater	$90.11
Extra barrel with ventilated rib (must be fitted at factory)	39.37
Special drop other than standard	10.07
Stock shorter than standard	3.38
Model 37R (with solid rib)	51.95

ALL THREE models of Ithaca Repeaters have the following features: Quick takedown (no tools needed); shot oil-smooth forend stroke; shells fed in straight line into chamber; handy action release for removing shells; handy crossbolt safety (furnished reversed for left-handed shooter if wanted); receiver with solid top AND SIDES for safety; bottom ejection (protects your face and arm from brass, burned powder residue, shot, or gas blown back from a defective shell. Safe for left-handed shooter. Shells not ejected in face of man beside you. Rain, sleet, snow, or dirt cannot fall into receiver to clog action).

Every gun made in Ithaca is thoroughly prooftested with loads developing 7½ tons pressure each! Far more powerful than any load available on the open market.

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

IVER JOHNSON CHAMPION SINGLE BARREL SHOTGUNS

The barrel and lug are forged in one piece from special gun barrel steel. Full, long, taper choke. Snap-on style fore-end, securely held on with a coil spring. Pivoted locking bolt with compensating locking surface, which automatically takes up all wear.

Model 36—.12, .16 and .20 gauge, 28, 30 or 32-inch barrel **$12.00**

Model 39—.24, 28 and .410 gauge, 26, 28-inch barrel **12.00**

Matted Top Rib Trap Gun, Plain Extractor, case hardened frame, full pistol grip, rubber capped, and knob front stock; pistol grip and front stock checkered; .12, .16 and .20 gauge, barrels 28, 30 or 32-inch **16.00**

Semi-Octagon Breech, Plain Extractor, case hardened frame, full pistol grip, rubber capped, and knob front stock, not checkered; .12 and .16 gauge, barrels 28, 30 or 32-inch **14.00**

Automatic Ejector on above models, extra **1.00**

HARRINGTON & RICHARDSON SINGLE GUNS

Model 1908. Takes down like a double gun by removing the fore-end and unlocking the barrel from the frame. Stock, Fine Black Walnut; Hard Rubber Butt Plate. Weight, 5¾ to 6½ pounds, according to Gauge and Length of Barrel. 12, 16, 20 Gauge—28, 30 or 32-inch Steel Barrel. 24 Gauge—28 or 30 inch Steel Barrel. 28 Gauge—26 or 28-inch Steel Barrel. .410 gauge—26 or 28-inch Steel Barrel.

Automatic Ejector ..... **Each, $13.00** **Non-Ejector** ..... **Each, $12.00**

Model 1915 same as Model 1908, but made in the following gauges only: 24, 28, .410 and 14 m/m gauges. 26 or 28-inch barrels. Weight 4 to 4¾ pounds.

Non-Ejector ..... **Each, $12.00** **Automatic Ejector** ..... **Each, $13.00**

H. & R. "HEAVY BREECH" GUN

Same action and works the same as the regular Model 1908, but is made with extra heavy breech to withstand the heaviest charges and the continued strain when used as a trap gun. Weight, 7 pounds. Barrel choked.

Made in 12 and 16 Gauge, with 30 or 32-inch Blued Steel Barrel. Auto-Ejecting (throwing shell out). Non-Ejecting (drawing shell out enough to allow it to be taken out with finger and thumb.)

Non-Ejecting ..... **Each, $14.00** **Automatic Ejecting** ..... **Each, $15.00**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

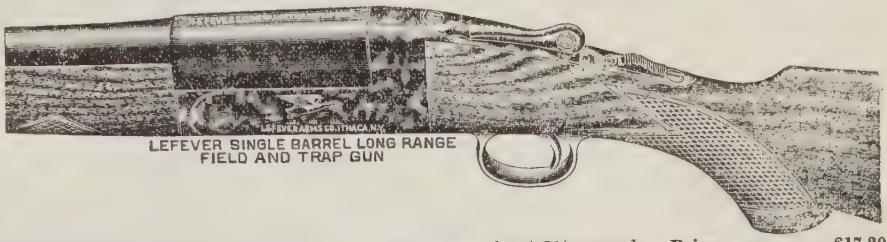
Lefever Double and Single Barrel Shotguns

LEFEVRE NITRO SPECIAL No. 1

The Lefevre Nitro Special has non-breakable coil springs, the stock is securely fastened to the frame with draw bolt running up through the grip of the stock to the frame and the top snap may be tripped by simply pressing down with your thumb on a trip pin which comes up through the face of the frame. Made with the following standard specifications: 12 gauge, 26 and 28 inch; weight 12 gauge 30 and 32 inch about 6½ pounds. 20 gauge 26 and 28 inch; weight about 6 pounds. .410 caliber 26 inch; weight about 5¾ pounds. **Price**.....**$30.50**

Single Trigger, if wanted ..... **$4.60 Extra**
Soft Rubber Recoil Pad, if wanted ..... **2.15 Extra**
Front Ivory Sight, if wanted ..... **55c Extra**
Rear Ivory Sight, if wanted ..... **55c Extra**

LEFEVRE LONG RANGE SINGLE BARREL FIELD GUN No. 3



Every Lefevre barrel is proof tested with an excessive load. Genuine black walnut stock with full pistol grip hand checkered, hard rubber grip and butt plate. Forearm wood is black walnut hand checkered and, like the walnut stock highly finished in oil. This forearm is the trap gun type which fills the hand and keeps the hand off the barrel. Stock is about 14 inches, drop about 2⅞ inches. Gauges, lengths and weights are: 12 gauge, 28 inches, 30 inches or 32 inches, weight about 7 pounds; 16 gauge, 28inches, about 6 pounds; 20 gauge, 28 inches, about 5¾ pounds. .410 Gauge, 26 inches, about 5½ pounds. **Price**.....**$17.20**

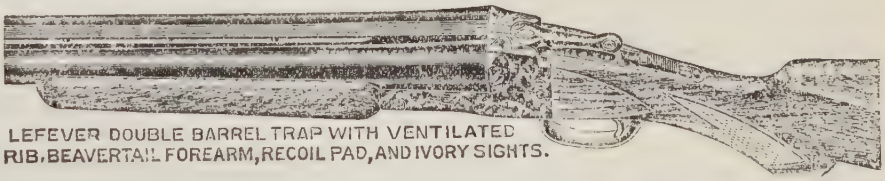
Recoil Pad.....**Extra 2.15**

LEFEVRE SINGLE BARREL TRAP GUN No. 4

PRICE $37.80

The Lefevre single barrel hammerless trap gun has ejector, elevated ventilated rib, soft rubber recoil pad, ivory front and rear sights, a Beavertail forearm which keeps the hand off the barrel and the thick, fat cone experienced trap shooters demand.The specifications which are 12 gauge 32 inch with a black walnut stock having the most popular trap specifications which are approximately 14½ inches, full pistol grip and a weight of about 8 pounds.

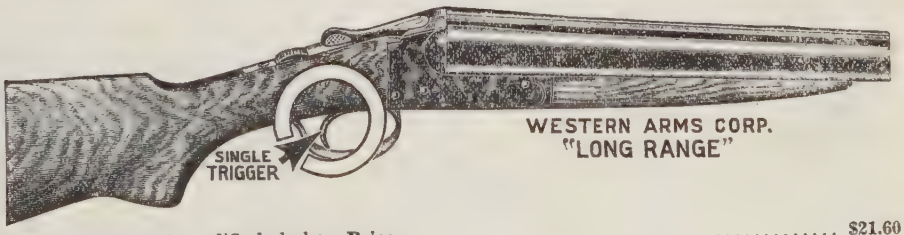
THE LEFEVRE DOUBLE BARREL TRAP GUN No. 2



While this gun is designed especially for trap and waterfowl shooting, it is an all around gun for trap and field use. It has all the desirable features of the Lefevre Nitro Special Double with the best designed elevated ventilated rib to prevent heat waves interfering with accurate shooting, a modern Beavertail forearm to protect the hand from coming in contact with the hot barrel, the very best ivory front and rear ivory sights, high class soft rubber recoil pad and rugged single trigger. The lock bolt and safety device are of the same rugged design and construction as are used in the Lefever Nitro Special double gun. Specifications are 12 gauge 30 inch or 32 inch barrels, both barrels bored to make a close even full choke pattern unless otherwise ordered. Weight about 8 pounds, length of stock, including soft rubber recoil pad, 14½ inches, drop at heel 1⅞ inches, at cone 1½ inches.

Lefevre Double Barrel Trap Gun, Ventilated Rib and Single Trigger..... **$64.80**

WESTERN ARMS CORP. LONG RANGE DOUBLE



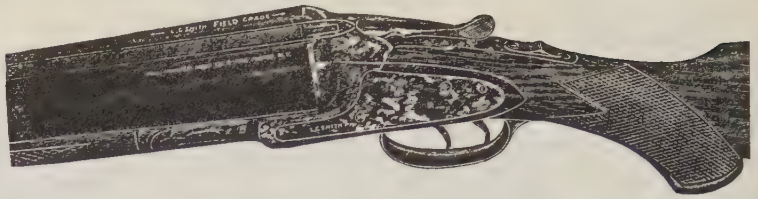
The best inexpensive double guns. Phil. Beheart, the best known old timer in the gun trade on the Pacific Coast, says, "It's as rugged as a grizzly bear. It's a DURABLE DOUBLE." Genuine walnut stock and forearm finished in Duco, highest grade steel locks, matted top rib and nice clean pull. Stock length 14 inches; drop about 2⅞. Gauges and lengths, .410, 26 inches; 20 gauge, 29 and 28 inches; 16 gauge, 26, 28 and 30 inches; 12 gauge, 26, 28, 30 and 32 inches. Standard boring unless ordered otherwise, left full, right modified choke. **Price** **$21.60**

Recoil Pad ..... **$2.15 Extra**
Single Trigger ..... **3.50 Extra**
Automatic Ejector ..... **$8.90 Extra**
Front and Ivory Bead Sights ..... **1.10 Extra**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

L. C. Smith Shotguns

"FIELD GRADE"



This gun is especially designed for those desiring a gun for field and marsh where rough usage is required. The shooting powers of this gun can be relied upon to fully equal those of the higher grades.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Armor steel only; bored any way you choose from a cylinder to a full choke. **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8¼ lbs.; 16 gauge, 6 to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES:

Non-Ejector **$40.00**
With Hunter Single Trigger **$72.50**
With Automatic Ejector **$57.25**
With Automatic Ejector and Hunter Single Trigger **$89.75**

"IDEAL GRADE"

This gun is a "General Purpose" weapon, a sound, reliable and thoroughly serviceable gun and with just enough engraving to make it attractive, as the illustration shows. The barrels are bored and finished with extreme accuracy and care. For general purposes it is far superior to any other gun offered at a similar price.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch London steel, bored any way you choose from a cylinder to a full choke. **Gauge:** 12, 16 and 28. **Weights:** 12 gauge, 6¼ to 8¼ lbs.; 16 gauge 6 to 7 lbs.; 20 gauge, gauge, 5¾ to 6½ lbs.

PRICES:

Non-Ejector **$55.75**
With Automatic Ejector ..... **$ 73.00**
With Automatic Ejector and Hunter Single Tripper **$105.54**

"TRAP GRADE"

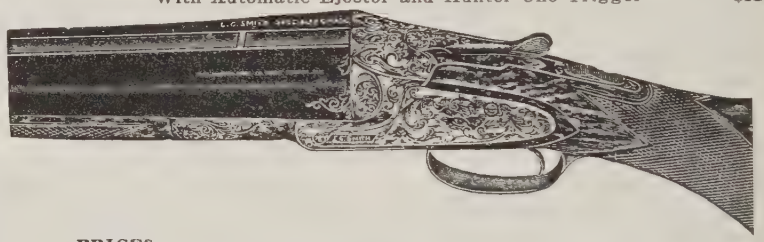
In this grade particular attention has been paid to the requirements of sportsmen desirous of a gun for trap shooting, as well as for field, with all the latest attachments—Hunter One Trigger and Auto Ejector especially—and at a very low price. Both lock-plates engraved with trap shooting scene. We can confidently recommend this grade as entirely satisfactory, especially for the purpose the name implies.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Crown steel bored any way you choose. **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8½ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES:

Non-Ejector **$71.50**
With Automatic Ejector ..... **$ 88.75**
With Automatic Ejector and Hunter One Trigger **$124.50**

"SPECIALTY GRADE"



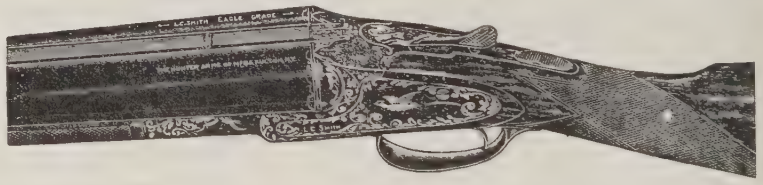
A fine gun in all details, built to last a lifetime. Handsomely engraved, as shown in the illustration, with fine lines of the best weapon and at a most moderate price. A thoroughly sound, servicable gun, well fitted. Every attention has been paid to produce in this, our Special Grade, a well-balanced and good-shooting gun, and we have every confidence in recommending it to sportsmen who are desirous of having a high quality gun.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Nitro steel, bored any way you choose. **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8 ¼ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES:

Non-Ejector **$90.00**
With Automatic Ejector **$107.75**
With Automatic Ejector and Hunter One Trigger **$143.50**

"THE EAGLE GRADE"



Especially designed for the shooter who wishes a medium priced gun highly decorated. On the left lock a ring neck pheasant is engraved in body relief, and on the right a duck in flight.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels** 26, 28, 30 and 32-inch Nitro steel, bored any way you choose. **Weights:** 12 gauge, 6 lbs., 6 ozs.; to 8¼ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.; 410 gauge 5 to 5½ lbs. **Gauge:** 12, 16, 20 and 410.

PRICES:

With Automatic Ejector and One Trigger **$190.7**
With Automac Ejector **$163.25**

"CROWN GRADE"

A choice gun with unsurpassed shooting qualities, pleasing the most critical. For hard and accurate shooting, in a class by itself. It will give unqualified satisfaction under the strain of continuous shooting at the traps and the rough usage in the field. Pleasing gold inlay and delicate engraving.

SPECIFICATIONS: **Grip:** Full pistol regular, half or or straight to order. **Barrels:** 26, 28, 30 and 32-inch Selected Nitro steel, bored to order from full choke cylinder. **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8¼ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES:

With Automatic Ejector **$230.25**
With Automatic Ejector and Hunter One Trigger **$266.75**

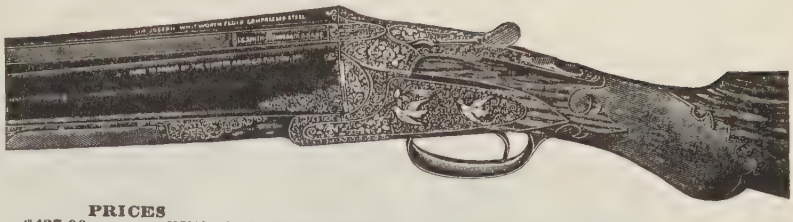
L. C. SMITH LONG RANGE WILD FOWL GUNS (12 Gauge Only)

Any L. C. Smith double barrel shotgun may be had with special boring and 3 inch chamber at an additional price of **$10.75** for the Field and Ideal Grades; **$14.00** for Trap, Specialty, Eagle, Crown and Monogram Grades; **$16.25** for the Premier and De Luxe.

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

L. C. Smith Shotguns

"MONOGRAM GRADE"



A serviceable gun of exceptionally high quality and more than usual beauty. The mechanisms of the lock and automatic ejector as well as other parts are exceedingly well finished. The engraving, embodying scroll and relief work. The stock is imported walnut, carefully finished.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Whitworth Fluid Steel, bored to order from full choke to cylinder. **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8¼ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge 6½ lbs.

PRICES

With Automatic Ejector.....$437.00 With Automatic Ejector and Hunter One Trigger.....$474.00

"PREMIER GRADE"

A genteel work of the gun maker's art with unusual care in the selection of materials and the application of detail. Skillful engraving and gold inlay. A gun of absolute perfection in shooting qualities. First quality Circassian walnut stock.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Whitworth Fluid Steel, bored to order from full choke to cylinder. **Gauge** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8 lbs.; 16 gauge, 6¼ to 6 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES

With Automatic Ejector.....$717.50 With Automatic Ejector and Hunter One Trigger.....$754.50

"DE LUXE GRADE"

A thoroughbred in style and durability. Finest ornamentation in gold bas relief; an individual product of elegance and refinement. Barrels of very best steel of remarkable tensile strength. Selected Circassian walnut stock chosen for its texture and grain.

SPECIFICATIONS: **Grip:** Full pistol regular, half or straight to order. **Barrels:** 26, 28, 30 and 32-inch Whitworth Fluid Steel, bored to order from full choke to cylinder **Gauge:** 12, 16 and 20. **Weights:** 12 gauge, 6¼ to 8 lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

PRICES

With Automatic Ejector and Hunter One Trigger..... $1,023.50

THE L. C. SMITH VENTILATED RIB DOUBLE BARREL GUN FOR TRAP AND FIELD SHOOTING

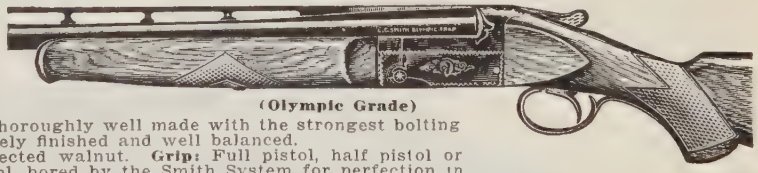
(Specialty Grade)

This new design embodies all the features of the Single Barrel Gun, making it possible for the trap-shooter to sight a double gun along a single plane and giving the added advantage of **one gun** for double and single targets. The Ventilated Rib is of equal advantage for Field and Marsh shooting for the sportsman has at all times a clean vision of the "mark." The Beaver Tail forend, blankets both barrels.

SPECIFICATIONS: Stock and Beaver Tail forend from walnut, especially selected for color and beauty. **Grip:** full, half-pistol or straight. **Barrels:** 12 gauge, 30, 32 inches—bored by the Smith System for perfection in trap shooting. Equipped with the Hunter One-Trigger and Automatic Ejector. **Weight:** 30 inch—8¼ lbs.; 32 inch, 8¾ lbs. All guns will be furnished with measurements taken from rear position of trigger unless center position is specified. Single Trigger and Auto Ejector.

Skeet **Grade** .....$133.50 **Specialty Grade** .....$200.50 **Crown Grade** .....$338.25 **Premier Grade** $845.00
Trap **Grade** .....$176.50 **Eagle Grade** .....$267.50 **Monogram Grade** .....$560.00 **De Luxe Grade** $1,118.50

L. C. SMITH ONE BARREL TRAP GUNS



(Olympic Grade)

It has the famous L. C. Smith bolt that never shoots loose, the Smith cocking mechanism, the Smith automatic ejector and a quick action hammer that hits the firing pin dead on the head and not on an angle as in most single barrel guns. The sides of the rib are made parallel and make for quick and accurate sighting. The barrel itself is of extra fine grade steel, tough and strong, and is especially adapted to trap shooting. We furnish it in 30, 32 and 34 inch lengths. The stock is of fine quality walnut. This gun is thoroughly well made with the strongest bolting mechanism ever put into a gun, is beautifully engraved, nicely finished and well balanced.

SPECIFICATIONS: Stock and forend from especially selected walnut. **Grip:** Full pistol, half pistol or Straight. **Barrels:** 12 gauge, 30, 32 and 34 inches, Nitro Steel, bored by the Smith System for perfection in trap shooting. **Trigger Position:** Rear, unless otherwise specified. All measurements regarding length of stock will be based on rear position of trigger unless center position is specified.

PRICES

Olympic .....$100.00 **Specialty** .....$135.00 **Eagle** .....$185.00 **Crown** .....$250.00 **Monogram** $379.00

THE FULTON AND FULTON SPECIAL GUNS

These are two exceptionally well made guns built by the well known Hunter Arms Company to meet the demand for low price shot guns which carry their name and guarantee; both are reliable box frame guns capable of the most satisfactory shooting results. In finish, style and balance both outrank their price. The Fulton Special is the finer of the two in decoration, having among other things checkered side jaws. Both are satisfying the demand for which they are built and are deservedly popular. To be had with 26, 28, 30 and 32 inch barrel, in 12, 16 and 20 gauge, except that the 32 inch barrel is furnished only in 12 gauge guns.

The Fulton .....$20.00 **The Fulton Special** $35.00

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

"MERKEL BROTHERS" HIGHEST GRADE DOUBLE BARREL SHOT GUNS

No. 212. First Quality Merkel Anson Hammerless Double Barrel Shot Gun, Krupp fluid steel barrels, suitable for nitro powder, finely matted extension rib, Greener cross bolt and double under bolt, side clips, indicator pins, fine selected walnut stock, straight or half pistol grip, horn butt plate, fine checkering, fine English style or hunting scenes engraving. Made in 12, 16, or 20 gauge. Various weights, lengths, drops and measurements. ..... Price **$195.00**

No. 212E. Same as above, but with Holland & Holland automatic ejector. ..... Price **$220.00**

No. 213. As No. 212, but de Luxe pattern, highest grade finish of all parts. Selected walnut stock of beautifully figured grain and new style of elaborate engraving on frame and barrels. Greener side safety or safety on neck of stock. ..... Price **$285.00**

No. 213E. Same as above, but with Holland & Holland automatic ejector. ..... Price **$335.00**

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MERKEL BROTHERS HIGHEST GRADE DOUBLE BARREL SHOT GUNS

No. 215E

No. 215. As No. 213, but with fine engraved lock plates. ..... Price **$275.00**
No. 215E. Same as No 215, but with Holland & Holland automatic ejector ..... Price **$350.00**

No. 217

HIGHEST QUALITY PIGEON OR WILD FOWL GUN

No. 217. Model De Luxe Double Barrel Hammerless Shot Gun, Holland & Holland side locks, automatic ejector, barrels are Krupp Special Steel, length 28, 30 or 32 inches, 12, 16 or 20 bore, finest kind of hand engraving, hunting scenes or English style. Price **$465.00**

The above picture shows a Merkel Anson double barrel shot gun with wonderful engraving on action and barrels, manufactured by Merkel Brothers on special order.

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

MERKEL BROTHERS
OVER AND UNDER SHOT GUNS

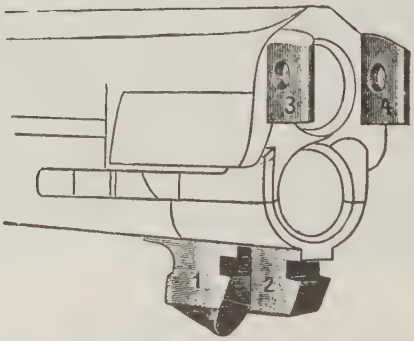
We present the American sporting world with what we sincerely believe is the shot gun of the future—The **"Over and Under"** Gun. The advantages of a shot gun with **"Over and Under"** barrels, as compared with old style double -barreled guns are considerable, making the increased cost to many a negligible consideration. For years unsuccessful experiments have been made, but not until Merkel Brothers brought out their new **"Over and Under"** System have these guns become so much in demand. The Merkel construction is now perfect—it is the handiest gun made—has a faultless lock and an absolutely safe system.—Opening and Closing of Barrels—cocking of lock proceeds with greatest ease and smoothness.

These **"Over and Unders"** are equipped with Greener double cross bolt (Kersten lock) and with double under bolts. Locks are placed in the System.

The best grade ejectors guarantee perfect functioning.

The manufacture of these **"Over and Under"** guns proceeds under our personal supervision in the most careful manner possible, and in the models on following pages.

THE LOCK ON THE MERKEL OVER and UNDER



1 and 2 showing the Strong Double Under Bolts

3 and 4 showing the Double Greener Cross Bolt

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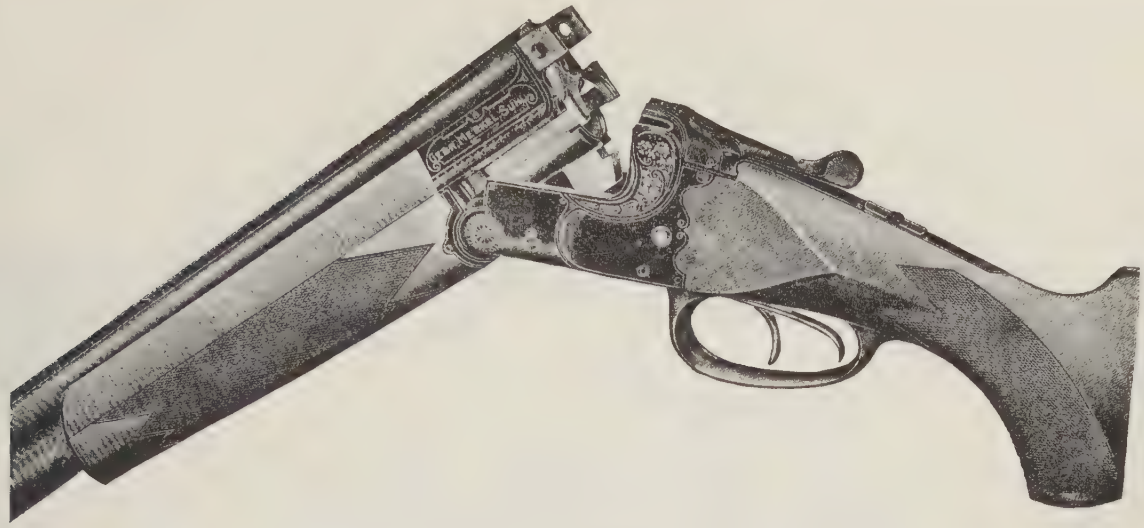
"MERKEL BROTHERS" HIGHEST GRADE HAND MADE OVER AND UNDER SHOT GUNS

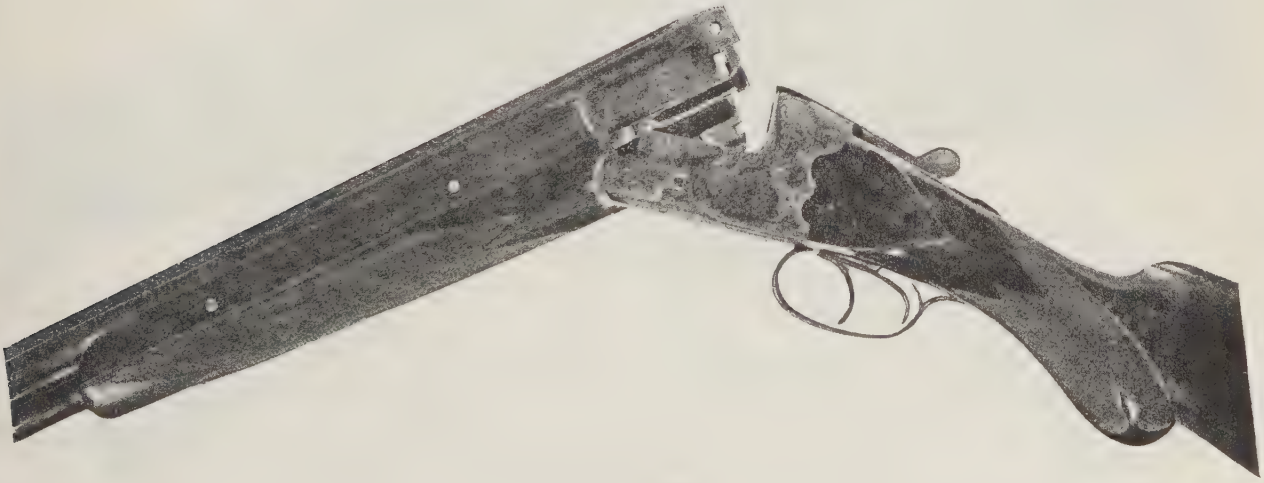


No. 230E

No. 230. Hammerless Over and Under Shot Gun, Anson & Deeley System, Krupp fluid steel barrels suitable for nitro powder, matted extension rib, double Greener (Kersten) cross bolt, safety on neck of stock, signal pin on side of gun, checkered patent snap fore-end, checkered pistol grip, fine Walnut stock, plain finish, 12, 16 and 20 gauge, top barrel full; under barrel modified choke.

Length of barrels 26, 28, 30 or 32 inches. Weight 6½ to 7½ lbs. ..... **Price $325.00**

No. 230E. Same as above but with automatic ejector. ..... **Price $465.00**



No. 232E

No. 232. Same as No. 230, but de Luxe pattern, finest possible finish of all parts, very handsome, English style of hunting scenes engraving, selected veined wood for stock; elegantly finished throughout. ..... **Price $350.00**

No. 232E. Same as above, but with automatic ejector. ..... **Price $495.00**

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"MERKEL BROTHERS" HIGHEST GRADE HAND MADE OVER AND UNDER SHOT GUNS

No. 234E

No. 234. Same as No. 232 but with very handsomely engraved side plates ..... **Price $375.00**

No. 234E. Same as above, but with automatic ejector ..... **Price $525.00**

No. 236. Same style as No. 234E but with HOLLAND & HOLLAND Side Locks, ventilated rib, automatic ejector. ..... **Price $750.00**

All Over and Under Guns could be delivered with

Ventilated Rib	**extra charge**	**$15.00**
Single trigger	**extra charge**	**25.00**
Roechling electro steel	**extra charge**	**47.50**
Krupp special steel	**extra charge**	**47.50**
Boehler Antinit steel	**extra charge**	**72.50**

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"MERKEL BROTHERS" HIGHEST GRADE OVER AND UNDER COMBINATION RIFLE AND SHOT GUNS

No. 256. Hammerless Over and Under Combination Rifle and Shot Gun, Blitz System, Barrels genuine Krupp steel, suitable for nitro powder, matted extension rib, Greener cross bolt and double underbolt, side clips, safety on neck of stock, signal pins to show if Gun is cocked, checkered patent snap fore-end, checkered pistol grip, dark walnut stock, horn heel plate, very handsome engraving, high grade finish. Shooting qualities, fitting and balance are perfect. Shot barrel full or modified choke or cylinder bore, 12, 16 or 20 gauge, rifle barrel underneath with express boring for .30-30, .25-35 or other calibers, length of barrels 26, 28 or 30 inches. ..... **Price $255.00**

No. 258

No. 257. Anson & Deeley System Hammerless Over and Under Rifle and Shot Gun, same style as No. 256 ..... **Price $307.50**

No. 258. Same as No. 257 with Double Greener cross bolt ..... **Price on Application**

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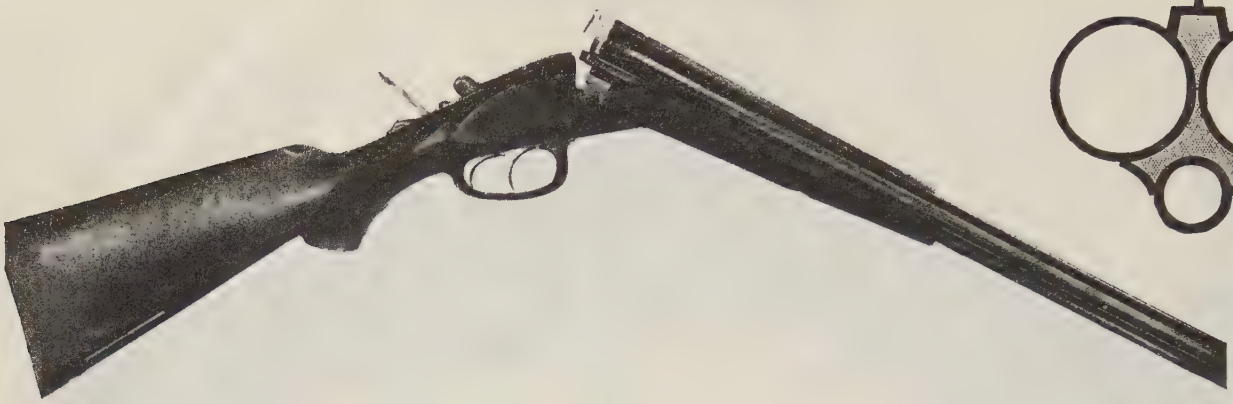
MERKEL BROTHERS THREE-BARRELED GUNS



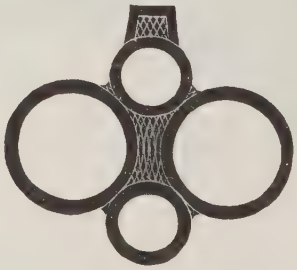
We present to the American Sporting World the original Three-Barreled ("Drilling") Guns which are the best in this style of Sporting Arms. The wonderful Original Merkel-Anson "Drillings"—2 shot barrels, any calibre, with rifle barrel preferably for calibre 30-30 Winchester underneach—are perfect in construction, safe, dependable and well balanced. These Three-Barrels Guns are far superior to anything offered, especially to those where the actions are located above the trigger plates, thereby unbalancing the gun as the action is too far in front. In our Genuine Merkel Three-Barreled guns, the action is nearly above the hand, which gives perfect balance.

Please remember this difference when competitors offer you cheaper three-barreled guns. In the Merkel-Anson "Drilling" the firing pins are one with inside hammer, securing thereby quick and safe action, also preventing rusting or breaking of firing pin, as the lock construction is placed in the system and not in the stock as in cheaper drillings. Merkel stock sides are stronger and possess a much stronger connection between stock and action, a quality much to be desired in this kind of gun.

The barrels are of the celebrated Krupp fluid steel. Every barrel bears the proof marks that it has been tested and passed at the Merkel as well as the Government Proof-House.

Double Barrel Rifles.

Over and Under Shot and Rifle Barrel



Four Barrels---Two Shot and Two Rifle

Three Shotgun Barrels

Double Barreled Rifle and Shotgun Barrel

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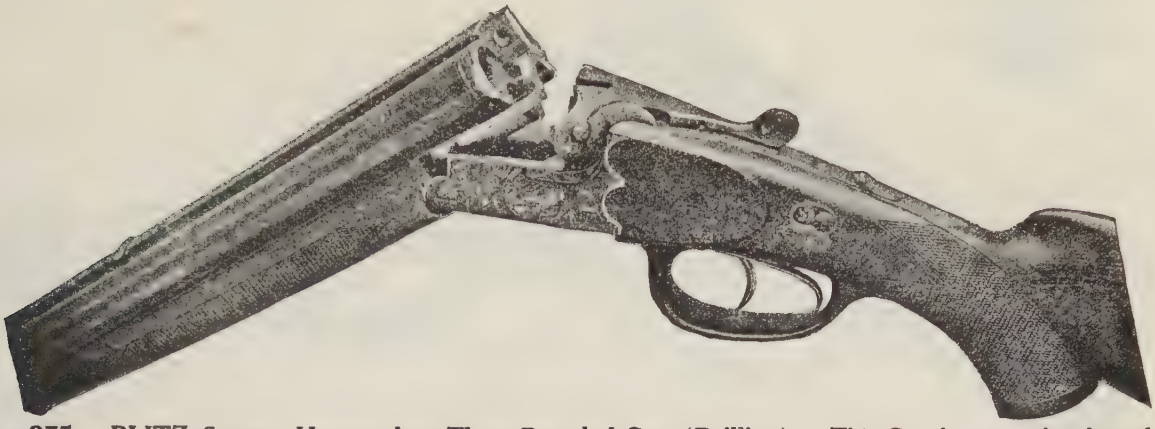
"MERKEL BROTHERS" HIGHEST GRADE HAND MADE HAMMERLESS THREE-BARRELED GUNS



No. 275. BLITZ System Hammerless Three-Barreled Gun (Drilling). This Gun has two shot barrels 12, 16 or 20 gauge and one rifle barrel 30-30 or 25-35 caliber. Barrels are genuine Krupp fluid steel, suitable for nitro powder, right barrel modified, left full choke, rifle barrel with express boring, matted extension rib, automatic adjustable rear sight, Greener cross bolt and double underbolt, side clips, Geener side safety, also a special safety upon neck of stock which by pushing forward releases the safety and automatically adjusts back sight for rifle barrel, fine checkered pistol grip and patent snap fore-end, finest figured walnut stock, horn butt plate, fine English style or hunting scenes engraving. Weight 6½ to 7¼ pounds. ..... **Price $265.00**

No. 276. Same as above, but with magazine for rifle cartridges in stock. ..... **Price $275.00**

No. 280. Same as above but with ANSON & DEELEY or MERKEL ANSON system. ..... **Price $307.50**

No. 281. Same as No. 280, but with magazine for rifle cartridges in stock. ..... **Price $317.50**

No. 282. Same as No. 280, but with peep sight, automatic safety for the three barrels, special safety for rifle barrel on neck of stock. ..... **Price $375.00**

These Three-Barreled Guns could be made with

Automatic Ejector	**extra charge**	**$188.50**	Krupp-Special-Steel	**extra charge**	**47.50**
Horn Trigger Guard	**extra charge**	**7.50**	Boehler Antinitsteel	**extra charge**	**72.50**
Roechling-Electro-Steel	**extra charge**	**47.50**	Rifle Barrel for 30--06 Govt. or Other Rimless cartridges	**extra charge**	**12.50**

The Above Guns can also be made with Three SHOT Barrels.

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MERKEL BROTHERS HAND MADE HAMMERLESS COMBINATION THREE BARRELED RIFLE AND SHOTGUN

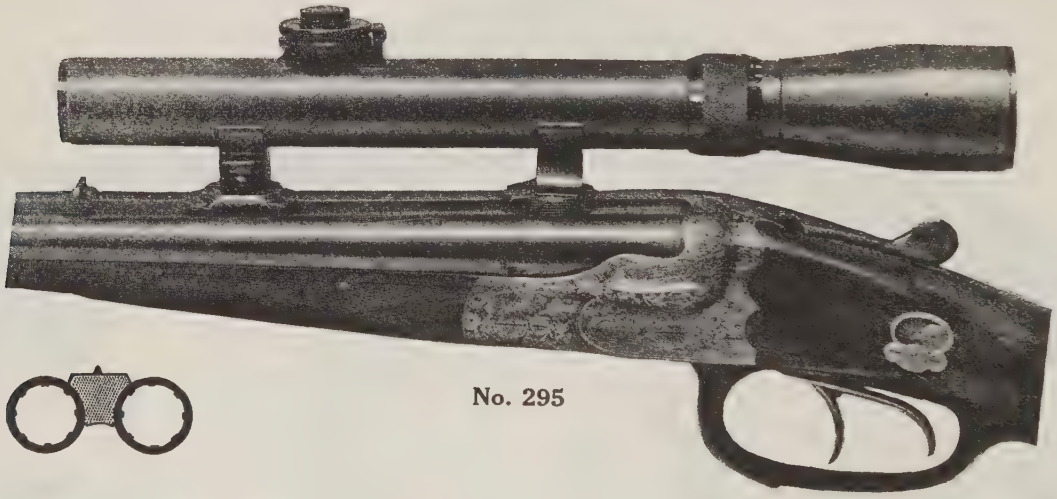
No. 297

Merkel, Anson & Deeley system Hammerless combination three barreled Rifle and Shot Gun. Two rifle barrels side by side for any rifle cartridges with or without rim, one shot barrel underneath for 12, 16 or 20 ga., double Greener cross bolt and extra strong double underbolts, Krupp steel barrels, suitable for nitro powder, doll's head or straight extension rib, sighted for 100 to 500 yards as required, Greener side safety and safety on neck of stock, finest figured walnut stock, horn heel plate, patent snap fore-end, half or full pistol grip, finest English style or hunting scenes engraving. Highest grade finish of all parts. Length of barrels 27 to 28 inches. Weight 8 to 9 pounds.

This combination three barreled gun can be made on request, of rust-proof Boehler Antinit or Poldi Anticorro steel, it can also be fitted with any make of telescope, Zeiss, Ajack, Hensoldt, Voigtlaender, Goertz, etc., as desired.

Prices on Application.

MERKEL BROTHERS HAND MADE HAMMERLESS DOUBLE BARREL RIFLE.



No. 295

Merkel, Anson & Deeley system Hammerless Double Barrel Rifle Krupp steel barrels, suitable for nitro powder, doll's head or straight extension rib, standard and two or four leaves sight as may be required, bead front sight, Greener cross bolt and extra strong double under bolts, side clips, Greener side safety or safety on stock, signal pins, double triggers with or without interchangeable hair triggers, finest figured walnut stock, horn heel plate, checkered patent snap fore-end, checkered pistol grip, finest English style or hunting scenes engraving. Highest grade finish for all parts. Length of barrels 24 to 27 inches. Weight 8 to 10 pounds.

This Double Barrel Rifle can be made for cartridges without rim in 30-06 Govt., 9 mm., 9.3 x 62, 10, 75 x 68, .375, .404 etc. caliber or without rim in 9.3 x 74, 10, 75 x 68, etc. caliber.

No. 296. Same as above, but with automatic ejector.

Prices on Application.

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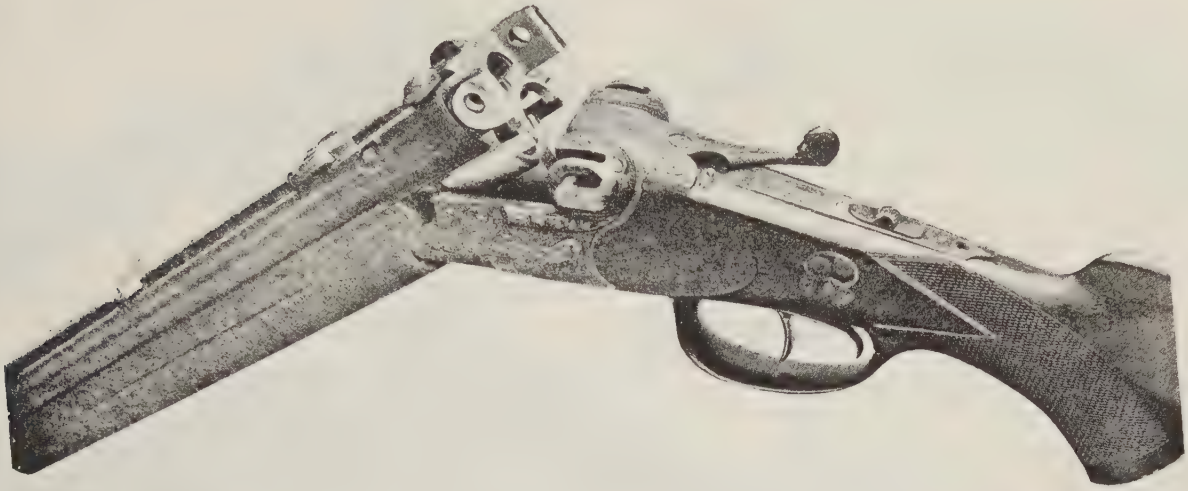
MERKEL BROTHERS HAND MADE HAMMERLESS OVER AND UNDER DOUBLE BARREL RIFLE



No. 290. Merkel, Anson & Deeley system Hammerless Over and Under Double Barrel Rifle, double reener cross bolt (Kersten lock) and extra strong double under bolts, Krupp steel barrels, suitable for nitro powder, atted rib, standard and two or four leaf sight as may be required, bead front sight, safety on neck of stock, double iggers with or without interchangeable hair triggers, checkered fore-end and pistol grip, fine walnut stock, horn heel late, plain finish. Length of barrels 24 to 27 inches. Weight 8 to 10 lbs.

Made for cartridges without rim in 30-06 Govt., 9 mm, 9.3 x 62, 10.75 x 68, .375, 404 etc. caliber or with m in 9.3 x 74, 10.75 x 68, etc. caliber ..... **Prices $465.00 to $500.00**

No. 291. Same as above, but **highest grade finish** of all parts, finest English style or hunting scenes engrav-g, finest figured walnut stock. ..... **Prices $495.00 to $550.00**

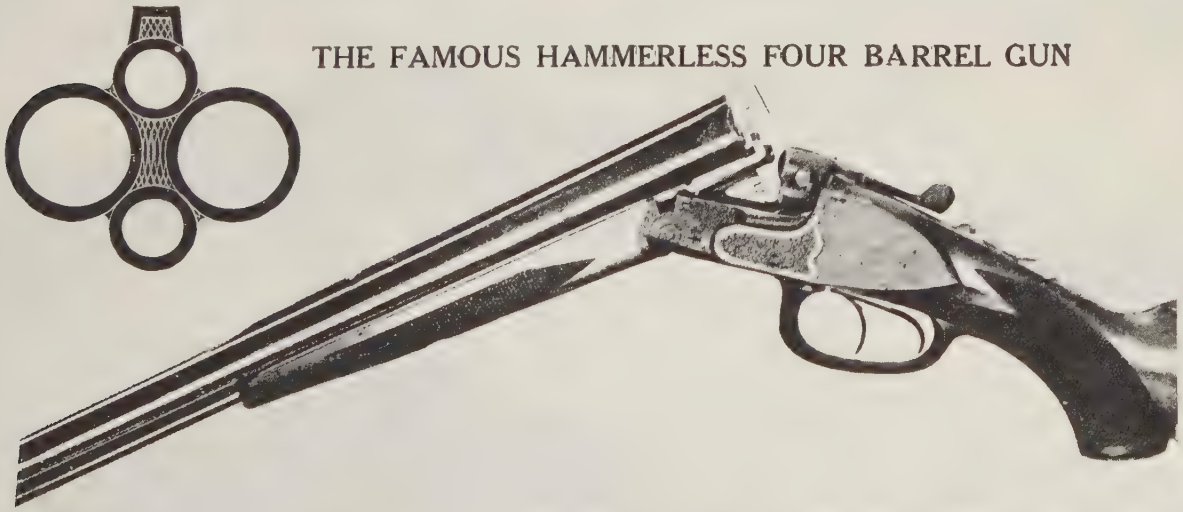
No. 293. Same as No. 291, but with automatic ejector. ..... **Price on Application**

The barrels of these double barrel Rifles could be made on request also of rust proof Boehler Antinit or Poldi nticorro steel.

All the double barreled Rifles could be fitted with any make of telescope.

Zeiss, Ajack, Hensoldt, Voigtlaender, Goertz, etc. as desired.

THE FAMOUS HAMMERLESS FOUR BARREL GUN



No. 300. **Blitz System Hammerless Four Barrelled Gun** (Vierling). This Gun has two shot barrels side by side, 12, 16 or 20 uge, one rifle barrel on top for .22 Winchester and one rifle barrel underneath for .30-30 or .25-35 caliber. Barrels genuine Krupp eel, suitable for nitro powder, left barrel full choke, right modified choke, rifle barrels with express boring, matted extension rib, reener side safety also a special safety upon neck of stock for rifle barrels, adjustable rear sight. Checkered pistol grip and tent snap fore-end, dark walnut stock, fine English style or hunting scenes engraving. Length of barrels 28 inches. Weight about ½—9 pounds. **Prices on Application**

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PARKER SHOT GUNS

PARKER A. 1 SPECIAL

For the discriminating sportsman who appreciates the ownership of a gun of the highest quality of workmanship.

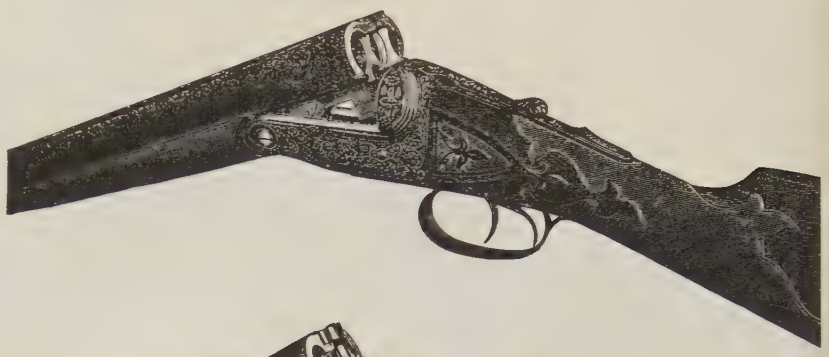
BARRELS—Peerless Steel of best quality and high tensile strength.

STOCK—Finest imported Circassian Walnut obtainable, beautifully checkered, solid gold name plate, triggers heavily gold plated, skeleton butt plate or rubber recoil pad.

ENGRAVING — Individually designed, chosen for its simple richness, gold inlaying, engraved to customer's taste if desired.

Specifications—Straight or pistol grip, Monte Carlo or cheek piece if desired, gauges, 10, 12, 16, 20, 28. Various weights, lengths, drops and measurements.

With Automatic Ejector.....$700.00
With Single Trigger..... 746.00



PARKER A. A. H. E.

Beautiful lines, fast handling and hard shooting qualities have made this gun a favorite.

BARRELS—Peerless steel, a material of great strength and durability.

STOCK—Fine imported Circassian Walnut, handsomely checkered, gold name plate, skeleton butt plate or rubber recoil pad. Monte Carlo or cheek piece if desired.

ENGRAVING—Beautiful designs in scroll or scroll and game.

Specifications—Straight or pistol grip, gauges, 10, 12, 16, 20, 28. Various weights, lengths, drops and measurements.

With Automatic Ejector.....$575.00
With Single Trigger..... 612.00

PARKER A. H. E.

ENGRAVING—Richly engraved with scroll and game scenes.

Specifications—Straight or pistol grip, gauges 10, 12, 16, 20, 28. Various weights, lengths, drops and measurements.

Without a peer in the realm of fine quality guns offered at an attractive price.

BARRELS—Acme steel of high grade.

STOCK—Selected imported Walnut, highly checkered, gold shield, skeleton butt plate or rubber recoil pad. Monte Carlo or cheek piece, if desired.

ENGRAVING—Game scenes and Scroll, beautifully wrought.

Specifications—Straight or pistol grip, gauges, 10, 12, 16, 20, 28. Various weights, lengths, drops and measurements.

With Automatic Ejector.....$400.00
With Single Trigger..... 432.00

PARKER B. H. E.

Many features of the more costly guns are found in this popular model.

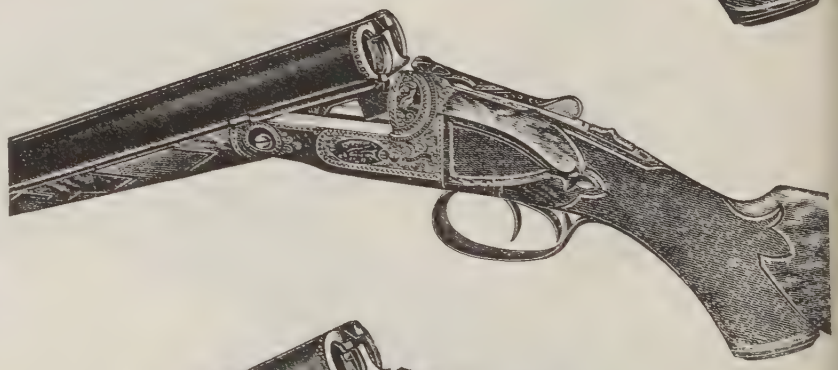
BARRELS—Acme Steel of very fine grade.

STOCK—Imported Walnut, fine checkering, gold shield, skeleton butt plate or rubber recoil pad. Monte Carlo or cheek piece if desired.

ENGRAVING—Game scenes handsomely engraved.

Specifications—Straight or pistol grip, gauges 10, 12, 16, 20, 28. Various weights, lengths, drops and measurements.

With Automatic Ejector.....$300.00
With Single Trigger..... 332.00



PARKER C. H. E.

The combined fine qualities of design and workmanship insures lifetime service.

BARRELS—Acme steel.

STOCK—Imported Walnut, beautifully checkered, silver shield, skeleton butt plate or rubber recoil pad. Monte Carlo or cheek piece, if desired, at extra cost.

Specifications—Straight or pistol grip, gauges, 10, 12, 16, 20, 28. Various weights, lengths, measurements.

With Automatic Ejector.....$215.00
With Single Trigger..... 245.00

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PARKER SHOT GUNS

PARKER D. H. E.
th Auto. Ejector, $160.00
th Single Trigger, $190.00

PARKER D. H.
Without Auto, Ejector, $135.00
With Single Trigger, $165.00

There is no gun which can compare with this Parker at price.

Barrels—Titanic steel. **Stock**—Selected figured stock, fine eckering, silver shield, skeleton butt plate or rubber recoil pad.

graving—Game scenes set off with scroll.

SPECIFICATIONS—Straight or pistol grip, gauges, 10, 12, 16, 28, .410. Various weights, lengths, drops and measurements.

PARKER G. H. E.
Auto. Ejector, $115.00
Single Trigger, $143.00

PARKER G. H.
Without Auto. Ejector, $ 95.00
With Single Trigger, $123.00

A hard shooting moderately priced gun that is fast gaining popularity.

Barrels—Parker Special steel. **Stock**—Figured American Walt, checkering of high grade, hard rubber butt plate. **Engravs**—Tastefully engraved.

SPECIFICATIONS—Straight or pistol grip, gauges, 10, 12, 16, 28, .410. Various weights, lengths, drops and measurements.

PARKER V. H. E.
Auto. Ejector, $ 87.00
Single Trigger, $115.00

PARKER V. H.
Without Auto. Ejector, $68.00
With Single Trigger, $96.00

The finest gun of its grade ever produced. Built for service d durability. Parker workmanship throughout.

Barrels—Vulcan Steel. **Stock**—American Walnut, neatly checked. **Engraving**—Line engraving simple but perfectly executed.

SPECIFICATIONS—Straight or pistol grip, gauges, 12, 16, 20, .410. Various weights, lengths, drops, and measurements.

PARKER TROJAN

Price $55.00

(Not made with Automatic Ejector)

Alone in its class—An "Old Reliable" at a popular price built tirely by Parker Bros.

Barrels—Trojan Steel. **Stock**—American Walnut, drop about 2¾", length about 14", full pistol grip, no cap, rubber butt plate. Made to the following specifications only.
12 ga. 26, 28 or 30" barrels, weights, 7½ to 8 lbs.
16 ga., 26 or 28" barrels, weights 6½ to 7 lbs.
20 ga., 26 or 28" barrels, weights 6¼ to 6¾ lbs.

The 30 inch barrels are bored both barrels full choke; 26 and inch barrels bored right hand modified, left hand full choke. rrels will be bored as above unless otherwise ordered.

sitively no other deviation will be made from above specifications

PARKER VENTILATED RIB TRAP GUNS

ARKER VENTILATED RIB TRAP GUNS

The PARKER Ventilated Rib has been oduced after a careful study. The ventited rib, which forms the sighting plane the gun, is well elevated above the barls to a much greater extent than in any her type of gun on the market today. e sloping extension rib is notched to tch the eye of the shooter and focus it the proper plane of sight, assuring ear, sharp vision. This elevation at th breech and muzzle raises the plane of ght so high above the barrels as to give decided advantage over other types. hen sighting, the vision is not blurred by at waves occasioned by continual shoot-g in hot weather, these waves being dispated before reaching the elevation of e ventilated rib. Special folder on venlated ribs on request.

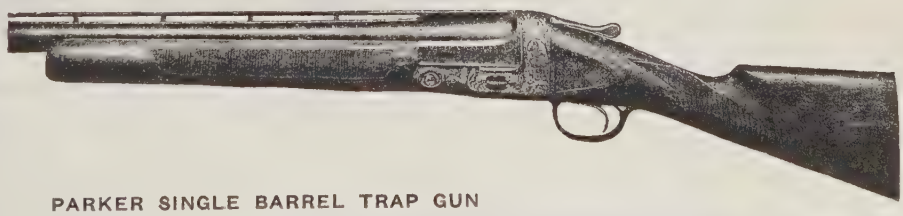
PRICES

Fitted to New Gun

H.—D. H. E. $32.50
H. E.—A. H. E. 39.00
A. H. E.—A. 1 Special 46.25

Fitted to Finished Guns

H.—D. H. E. $40.00
H. E.—A. H. E. 48.00
A. H. E.—A. 1 Special 60.00



PARKER SINGLE BARREL TRAP GUN

Widely known and universally praised for its perfection of balance, perfect lines, and unexcelled shooting qualities. It has no superior. Offered in five grades, corresponding in quality to our high grade double guns as shown below. See double gun section for complete detail.

S. C.—C. H. E. $160.00
S. B.—B. H. E. $210.00
S. A.—A. H. E. $283.00
S. A. A.—A. A. H. E. $484.00
S. A. No. 1 Special—A. 1 Special $500.00

Barrel and fore-end lugs are forged integral with the barrel—lengths 30 in., 32 in., 34 in. Any boring desired. Ventilatedrib. Automatic ejector. In 12 gauge only, straight or pistol grip, weight 7½ to 8½ lbs. Ivory Lyman front sight. On quality S. C. cheek piece or Monte Carlo stock, $10.00 extra, on other grades furnished without extra charge.

his page reproduced from Stoeger Catalog Edition No. 10, 1929.

POWELL SHOTGUNS

Established in 1802, the business has been carried on by generation after generation of Powells on the old painstaking lines, and by the personal and active participation of the members of the firm in the production of guns, all built without any possibility of deterioration by resorting to cutting of cost. This explains why POWELL guns made thirty to forty years ago are still in use and likely to be for some time to come, whilst those now being manufactured on the most sound methods will still be going strong thirty to forty years hence.

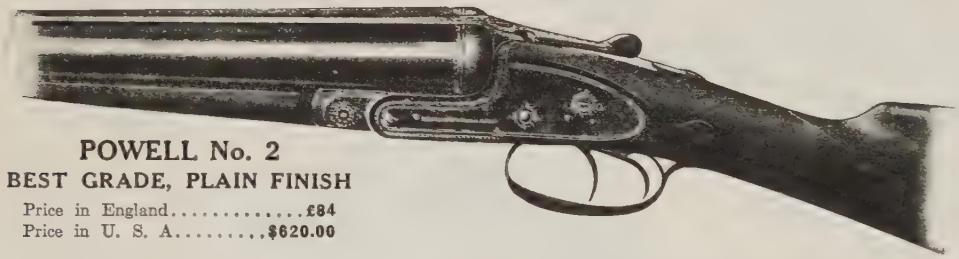
The number of discriminating sportsmen, following in the steps of their fathers and forefathers, who patronize these guns, is substantial and ever increasing. The firm of Powell has been described as the Purdey of Birmingham. This reputation, though it suffers from a suggestion of plagiarism, is highly prized, since it ably expresses the care and thought devoted to the effort to realize perfection. The firm of Powell whilst recommending the "best" quality of gun to all who can see their way to pay the necessary price, recognize nevertheless that when a lower price is required, resort must be made to the Anson & Deeley type of mechanism. Messrs. Powell have devoted particular attention to this model, seeking, they believe with considerable success, to apply to its construction and regulation, the tests which have become routine in their ordinary work.

The Powell No. 1, "Best" Hammerless Ejector is a side lock gun, perfectly balanced, highly finished and engraved and perfectly adjusted in every detail, possessing remarkable properties of endurance, making it a joy to possess and use. Only the finest steel barrels with solid lumps are used. The exquisite detail and smoothness of action is a result of the most painstaking effort on the part of master gunsmiths accustomed to work only on the finest guns. The outward appearance of such a gun can be reproduced by those who are not masters of the entire art, and therefore at the finish the definition rests upon the reputation which has been earned by the several makes of best guns. Powell's best gun can appeal confidently to such a test.

Built to order without extension rib or if desired with trebel bolt and dolls head extension if desired. The 12 bore usually weighs from 6 to 6½ pounds and all specifications of stock, barrel length and bore may be carried out to satisfy the users special wishes and requirements. This model may also be had at an extra charge, equipped with new self-opening action which makes operation still easier and eliminates shooting fatigue.

POWELL No. 1
BEST GRADE

Price in England.....£94/10/0
With self opening Action.....£105
Price in U. S. A.....$700.00
With self opening Action...$835.00



POWELL No. 2
BEST GRADE, PLAIN FINISH

Price in England.....£84
Price in U. S. A.....$620.00

The highest quality throughout, same as the Powell No. 1, but finished plain without engraving. We make any length of barrels, but have preference for 28 in. as being the happy medium conducive to handiness and perfect balance, and shooting equally well at any distance as the old standard 30 in.

POWELL No. 6
CROWN GRADE, HIGHEST QUALITY BOX LOCK

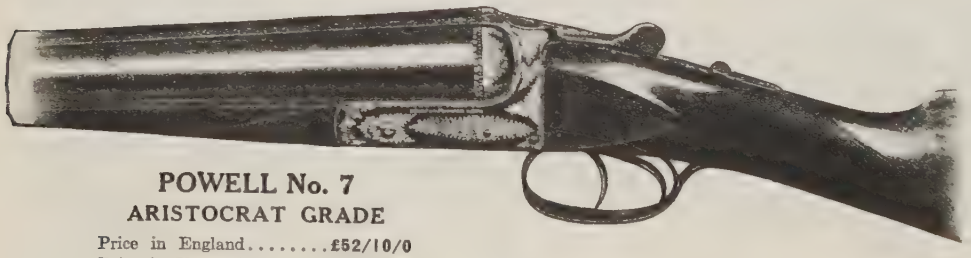
Price in England.....£63
Price in U. S. A.....$465.00

Best Quality Hammerless Ejector Gun, with Anson & Deeley Locks. Perfect balance.

This pattern can be produced at less cost than the high grade Side-lock. It is strong and durable and keeps well to its work, in fact may be termed to have everlasting wear. We are continually meeting with these models that have been used for upwards of thirty years, little the worse for wear and tear. Constructed with the finest materials and best finish.

Weight in 12 gauge—6¼ lbs. to 6½ lbs. according to length of barrels.

Made exclusively for the U.S.A.



POWELL No. 7
ARISTOCRAT GRADE

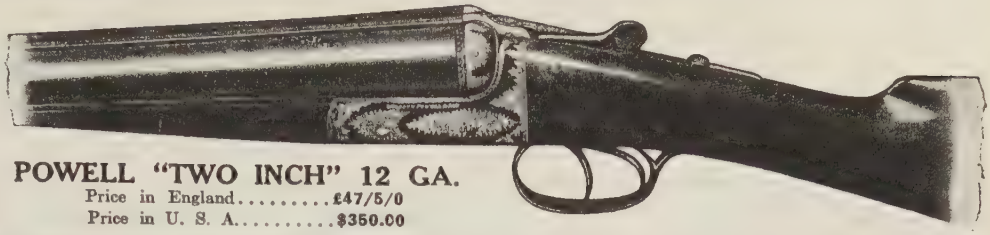
Price in England.....£52/10/0
Price in U. S. A.....$385.00

A very popular number, a gun of fine balance and feel, a real product of English guncraft. Specially designed for Field work. Strong hand finished action and barrels, with selected walnut stock, with best locks and ejector mechanism. Built to all specifications.

This page reproduced from Stoeger Catalog Edition No. 32, 1940.

POWELL SHOTGUNS AND DOUBLE RIFLES

mbered for the new 2-inch 12 gauge
ells.
on & Deeley locks, Southgate ejec-
or. Weight 5¼ pounds.
al for ladies and elderly sportsmen.
hter and more effective than a 20
ore.
e quality and well finished.



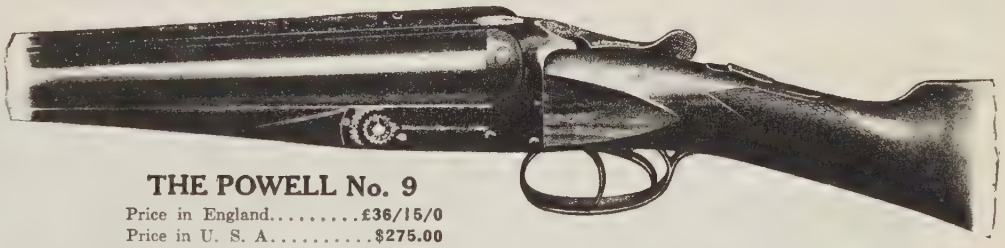
POWELL "TWO INCH" 12 GA.
Price in England.....£47/5/0
Price in U. S. A.....$350.00

POWELL'S PIGEON AND WILDFOWL GUN

Price in England.....£42/0/0
Price in U. S. A.....$315.00

A handsome fine quality gun, 30-inch steel barrels, both full choke, chambered for 2¾-inch or 3-inch cartridges and specially bored to give dense patterns, dead level flat file cut rib, Anson & Deeley locks, treble grip with strong square concealed cross bolt and side clips. Half pistol grip stock. Handsomely engraved and finished. Weight 7½ pounds to 8 pounds.

plain well made Hammerless
ctor of the Anson & Deeley type
structed under our personal super-
on. English steel barrels, carefully
ed, and shooting powers equal to
best productions. Well adapted
hard wear and Colonial use.



THE POWELL No. 9
Price in England.....£36/15/0
Price in U. S. A.....$275.00

POWELL'S "MATCH" GUN
Designed Especially for Use in the U. S. A.

A sound well-made gun, 30-inch or 32-inch steel barrels, both full choke, chambered for 2¾-inch or 3-inch cartridges, flat file cut rib, Anson & Deeley locks, treble grip, concealed cross bolt, side clips. Half pistol grip stock. Engraved and well finished. Weight in 12 gauge, 7½ pounds to 8 pounds.

Price $275.00

POWELL DOUBLE RIFLES

AVAILABLE ON ORDER IN ALL CALIBERS FOR THE HEAVIEST GAME

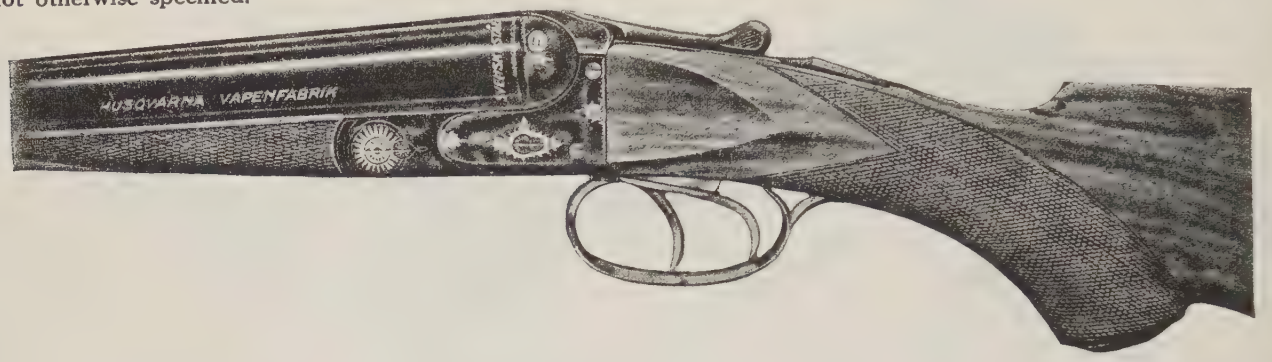
ouble barrel Hammerless Ejector,
h Velocity. Best quality. Plain
h as illustrated. Made in all
bers to the individual require-
ts and specifications of the user.

Price in England.....£84
Price in U. S. A.....$620.00

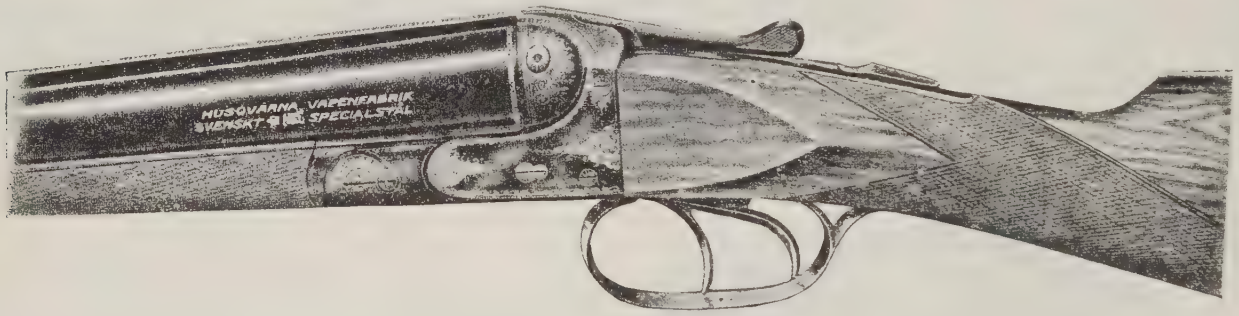
s page reproduced from Stoeger Catalog Edition No. 32, 1940.

SWEDISH DOUBLE BARREL SHOTGUNS
Husqvarna

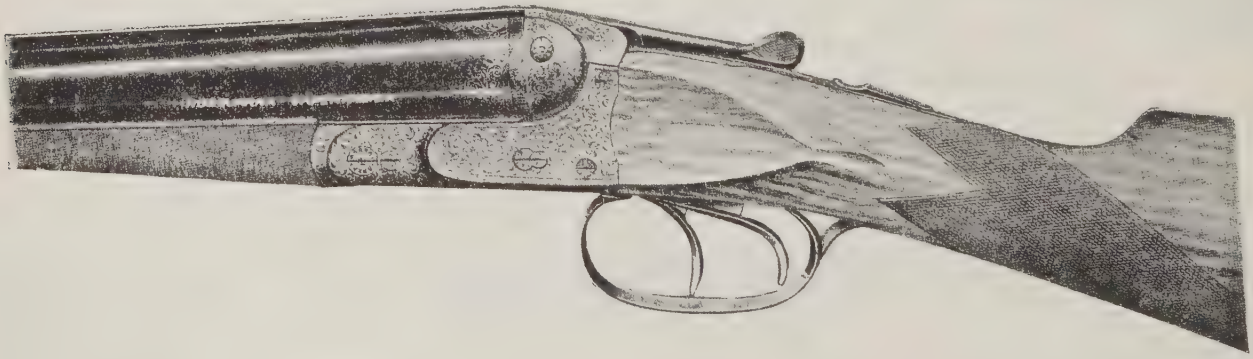
We take pleasure in offering to the American sportsman the Husqvarna Hammerless Double Barrel Shotguns produced in Sweden and with barrels of the finest genuine Swedish steel. The Husqvarna shotgun while comparatively little known in America, is one which may justly be placed on a par with the finest products of the world's leading shotgun manufacturers. The Husqvarna Shotgun is built with the Anson & Deeley system only and is supjplied in 12, 16 and 20 gauge. The stock is of dead-polish Italian walnut and supplied with pistol grip, without pistol grip or with pistol grip and cheek piece. Standard barrel, 30 inches, left full choke and right modified, if not otherwise specified.



No. 310A—with barrels of best Swedish steel ..... Price $200.00
No. 310 A. S.—with barrels of special quality Swedish steel ..... Price $250.00
Ejector, extra ..... Price $ 40.00



No. 310 C—with barrels of best Swedish steel ..... Price $360.00
No. 310 C. S.—with barrels of special quality Swedish steel ..... Price $410.00
Ejector, extra ..... Price $ 40.00



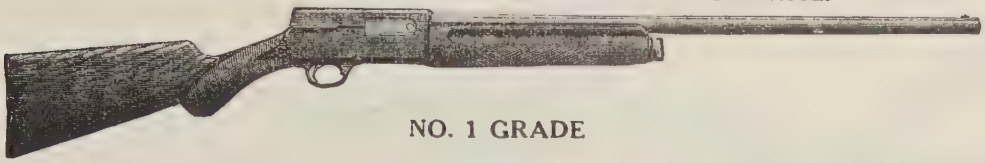
No. 310L—with barrels of special quality Swedish anti-oxid steel, with ejector ..... Price $750.00

(Prices subject to change without notice)

This page reproduced from Stoeger Catalog Edition No. 7, 1927.

ORIGINAL BROWNING AUTOMATIC SHOTGUNS

12 and 16 Gauge. All Stocks and Fore-ends Checkered.



NO. 1 GRADE

12 Ga.. No. 1 Grade 32 or 30 in. Cockerill Steel Barrel of highest tensil strength, full choke. Modified choke or cylinder bore in inch. Full choke 30 inch furnished unless otherwise specified. Matted receiver, English Walnut, stock and fore-end. Stock half pistol p, length 14¼ inches, drop at heel 2¼ inches, drop at comb 1¾ inches. Improved safety, pushed to safe position from outside gger guard. Magazine cut-off which permits loaded shell in chamber to be ejected without disturbing shells in magazine. Barrel g guide forged in one piece with barrel. Double extractors. Weight about 7¾ pounds.

16 Gauge: No. 1 Grade. Same general description as above except standard barrel in 30 or 28 in. full choke. Modified choke, cylinder bore barrels furnished in 26 inch. Stock dimensions same as 12 gauge except that grip is smaller. Weight about 7 lbs.

. 1 Grade, 16 Gauge ..... Price $65.50 Extra Barrel ..... Price $26.25

. 1 Grade, 12 Gauge ..... Price $61.00 Stock to Special Specification ..... Price $15.65

Extra Barrel, Grade 2, $26.25

GRADE 2 TYPE A.

Gauge. Grade No. 2—Type A Engraving ..... List $76.00 16 Gauge. Grade No. 2—Type A Engraving ..... List $80.50

Conventional Foliage Engraving. Plain English Walnut Stocks, both Checkered.

Extra Barrel, Grade 3, $43.75

GRADE 3. TYPE D.

Gauge. Grade No. 3—Type D Engraving ..... List $188.00 16 Gauge. Grade No. 3—Type D Engraving ..... List $192.50

Handsomely Engraved Hunting Scene, dogs, birds, etc. Fancy English Walnut Stocks, Extra Choice Checkering.

Extra Barrel, Grade 4, $56.25

GRADE 4. TYPE F.

Gauge. Grade No. 4—Type F Engraving .... List $288.00 16 Gauge. Grade No. 4—Type F Engraving ..... List $292.50

cks of Finest Selected Circassian Walnut, Extra Choice Checkering. Inlaid with Green and Yellow Gold. Artistic in Highest Degree

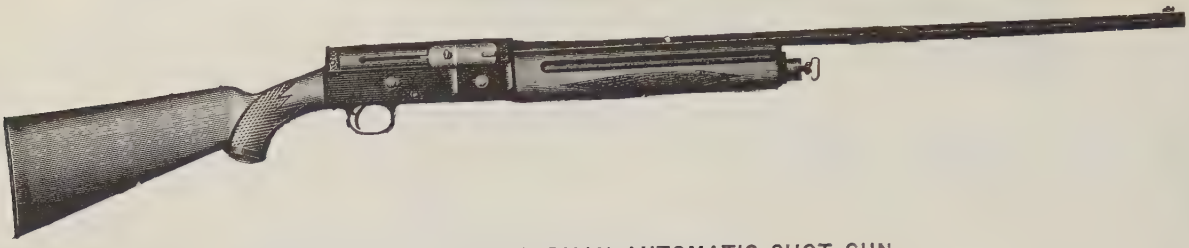
above quotations are on guns and barrels without rib. Extra for Raised Matted Rib, any model ..... $ 9.25

ra for Ventilated Rib 14.75

s page reproduced from Stoeger Catalog Edition No. 14, 1930.

THE NEW PATENT RHEINMETALL 16-GAUGE AUTOMATIC SHOT GUN

No. 370—The New 16-Gauge, the Real Patent Automatic Shot Gun; 5 Shots (Not a Pump Gun)



GUARANTEED BEST GERMAN AUTOMATIC SHOT GUN

ADVANTAGES:

Most reliable working
Perfect shooting efficiency
Easy manipulation
Facility in dissembling and assembling
Clean workmanship
27½ in. choke-bore barrel
Holds five shells, Caliber 16 only
Weight about 7 pounds
Cheek piece and checkered pistol grip
Greatest durability
Insensibility to difference in shells
Retention of open breech after last shot
Direct trigger safety catch
Fine walnut stock

Barrel and breech are not only locked at the moment of firing, but both go back to their final position.

The "RHEINMETALL" Automatic Shotgun, by reason of its dependability and ease of operation, is conceded to be a remarkable gun for water-fowl, and field shooting. The trigger must be released and pulled each time the gun is fired, making it under the shooter's control at all times. After a shell has been fired, the empty shell is ejected, a loaded shell is carried from the magazine into the chamber, the hammer is cocked, leaving the gun ready to be fired again, with no effort on the part of the shooter.

The trigger must be pulled for each shot.

When the last shell has been fired the breech always remains open, showing that the gun is empty. It will always be reloaded if there is a shell in the magazine.

The take-down mechanism is simple, permitting the barrel to be easily removed and one of the different choke or length substituted.

The "Rheinmetall" Automatic Shotgun is protected against premature discharge in three ways:

One—When the barrel recoils (the breech closed and locked) the link prevents the hammer from coming in contact with the firing pin until the loaded shell is fully inserted and the breech again closed and locked.

Two—At the first opening movement of the breech, the firing pin is withdrawn by the locking-block and cannot touch the primer until the gun is again ready for firing.

Three—Before the breech is unlocked, the safety sear engages the trigger, making it impossible to snap the hammer before the breech is closed and locked.

THE SAFETY CATCH, conveniently located in the trigger guard securely locks the trigger and as the trigger is also the sear, the shell cannot be discharged.

THE BREECH BOLT. A very strong locking-block locks the breech bolt firmly against the head of the shell and prevents the shell from being ruptured.

BREECH REMAINS OPEN. The gun always reloads if there is a shell in the magazine and always remains open after the last shell is fired. The open breech shows that no shells are left in the gun.

DIRECTIONS FOR OPERATING

TO TAKE DOWN. Unscrew the magazine cap while holding the barrel and fore-end down so it will unscrew freely, then slide the barrel and fore-end forward and off.

TO PUT TOGETHER. Slide the magazine into the barrel guide on the barrel and enter the end of the barrel extension into the receiver; replace fore-end, then push the barrel back until the barrel extension is completely in the receiver; hold the barrel and fore-end down, which will compress the recoil spring; screw the cap down.

TO LOAD. Draw the breech bolt back with the projecting handle, drop a shell into the receiver and press the release button on the right-hand side. Then turn the gun over and hold in on the release button; this allows the carrier to be pressed down and the shells to be pushed into the magazine.

If you desire to remove the shell from the chamber, leaving the others in the magazine, turn down the lever on the front left side one quarter circle, which closes the magazine and holds the cartridges therein—then pull back breach block which will eject the shell from chamber and close breech. To load, draw back the breech block, put shell in chamber—push button on right and turn back lever on front left side to original position.

IMPORTANT

The greatest advantage of the gun is that during the explosion of the cartridge, barrel and breech block are safely bolted together. Both parts are connected and in this manner turned to their original position which guarantees the safe working of this arm.

The barrel does not part from the breech block when the barrel returns to its original position, but only when the breech block is released by the carrier.

On account of the peculiar and modern construction of the gun, it is affected very little by the difference in the various loads of cartridges. It is therefore possible to use various kinds of cartridges now on the market, without causing inconvenience.

Use 2½ inch shells only and grease shells to prevent dampness or softening of paper shells when using them in automatic shot guns.

No. 370—Rheinmetall 16 gauge Automatic Shot Gun ..... **Price $75.00**
No. 371—Same, but barrel with matted rib ..... **Price $87.50**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

Franchi Zephyr DeLuxe

AUTOMATIC 12 *gauge* SHOTGUN

The Model 48A Automatic Shotgun is manufactured in its entirety of finest alloy steel by the most modern methods and incorporating the latest technical improvements. It is, therefore, offered to the shooter with the assurance that it is a superior weapon not only in operation but in ruggedness and durability.

Special Features of Use—Model 48A has been designed and built for the purpose of creating a weapon whose use, operation, and care might prove extremely easy and simple.

General Features of the Weapon. While the extremely smooth flowing streamline appearance of the gun will immediately catch the eye, the shooter will be pleasantly impressed by its perfect balance and extreme ease and speed in handling. In addition to the foregoing should be added the high degree of finish, the fine quality of walnut stock and the particularly excellent blueing which are ear marks of its high quality. Model 48A is in production only in 12 gauge. An important feature is that this model can operate with any shell from 2½" to 2¾". It is manufactured normally in the four shot model (3 in the magazine and one in the chamber). Upon special order it may be had in the five shot model.

MODEL 48A STANDARD $198.00

Ideal for Trap or Field Shooting. All barrels are coated and protected with the Franchi patented "Superchrome" treatment.

Special Features: Special scientifically designed magazine tube and break recoil mechanism reducing shock to an absolute minimum safety and trigger mechanism of the latest foolproof design to avoid accidental discharge.

MODEL 48A WITH RICH HAND ENGRAVING $238.00

WORLD'S LIGHTEST

About 6¼ pounds

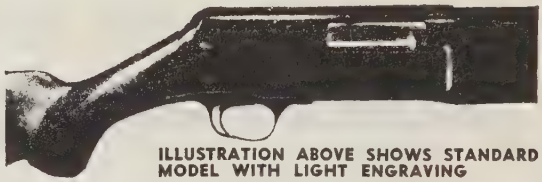


ILLUSTRATION ABOVE SHOWS STANDARD MODEL WITH LIGHT ENGRAVING

ILLUSTRATION ABOVE SHOWS RICH HAND ENGRAVED ACTION

• SPECIFICATIONS •

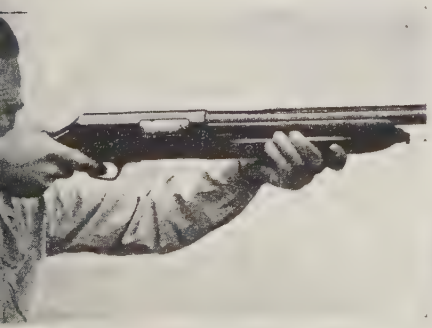
Gauge: 12 ga only

Barrel: 26" imp. cylinder with Ventilated Rib
28" Modified
30" Full

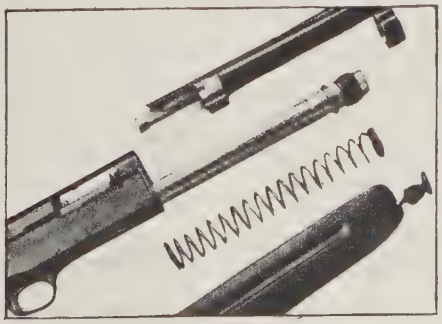
Stock: Fine grade European Walnut with checkered pistol grips and corrugated butt plate, grooved forend of standard stock dimensions.

Magazine Capacity: 3 shot extra shell may be inserted into the chamber, total capacity 4 shot.

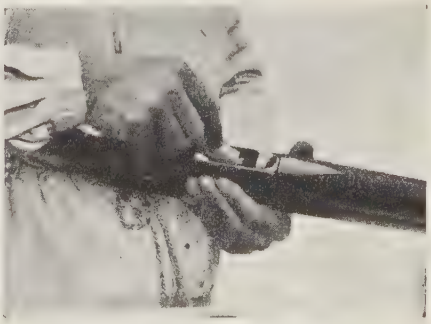
Any other variation desired can be had on special order only, such as stock without pistol grip, etc., light engraving as shown on illustration No. 1 is standard. Extra Rich hand engraving to be had only on Special order at additional cost of $40.00.



Fast Pointer • Right on the Target



Note Simplicity of Construction



Easy to Load and Unload

his page reproduced from Stoeger Catalog Edition No. 43, 1952.

THE *NEW* NOBLE REPEATING SHOTGUN

WITH SPECIALLY DESIGNED MULTI-CHOKE THAT MAKES IT "9 GUNS IN 1" AT A TWIST OF THE WRIST

ONLY $67.45

Another *great gun* by NOBLE! Beautifully balanced and finished; with the newest, smoothest, easiest operation ever designed in a pump gun. Has features found only in shotguns costing much more.

SPECIFICATIONS

Barrel—12 gauge, 28 inch, proof tested steel. Chambered for 2¾ inch shells, complete with ventilated Multi-Choke that reduces recoil and provides any choke from open cylinder to "full" in seconds—without tools or extra choke tubes. Makes the "40" 9 guns in 1!

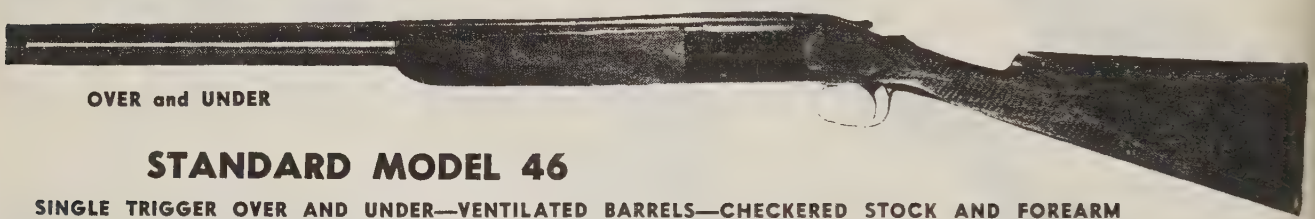
Action—Hammerless, slide action. Solid steel frame assures trouble free alignment of all working parts. Push button safety on trigger guard. Handy action release. Automatic side ejection.

Magazine—Tubular magazine. 6 shot capacity (5 in magazine, 1 in chamber). Wooden plug provided to reduce capacity of magazine in compliance with government regulations on migratory birds.

Stock and Forend—Pistol grip stock and full shaped grooved slide handle of high grade American Walnut. "No-Shoc" resilient rubber recoil pad. Drop at comb 1¾"—at heel 2¾".

Weight -About 7½ lbs. Length overall, 48". weight about 50 lbs.

THE MORONNE GUN



STANDARD MODEL 46

SINGLE TRIGGER OVER AND UNDER—VENTILATED BARRELS—CHECKERED STOCK AND FOREARM

STANDARD MODEL 46 FEATURES

1. Barrels 26-inch-28-inch—Alloy Steel—Proof Tested Yield Strength 80,000 to 90,000 P. S. I. Mirror Finish inside Bores, Chokes Scientifically bored to produce Consistently-Fine Patterns.
2. All Major Parts are made of Fine Quality Alloy Steels.
3. Trouble Free Single Trigger.
4. Springs (Coil) Tempered Music Wire (Main) Chrome Vanadium.
5. Choice of Straight or Pistol Grip stock, Oil Finished.
6. Weight about 7 lbs. 12 Gauge-20 Gauge about 6 lbs. Other Gauges in Proportion.
7. Taper Lock (Automatic Wear take-up)—All Exposed Surfaces a Rich Lustre Black.
8. A Hard Shooting, Accurate and Beautiful Weapon Selling at **$148.50.** Ventilated Rib **$38.50** Extra. Extra Set of Barrels **$66.00.** Extra Set of Chrome Lined Barrels, Special Skeet Boring, **$110.00**. Extra Set of Stainless Barrels Chrome Lined, Special Skeet Boring, **$176.00**—Yield Strength 90,000 P. S. I. Pistol Grip stocks optional.

	Retail
12 ga. 26" or 28" barrel	**$148.50**
16 ga. 26" or 28" bbl.	**148.50**
20 ga. 26" or 28" barrel	**148.50**
410 ga. 26" or 28" bbl.	**148.50**

(410 ga. Chambered for 3" Shell—all others for 2¾" Shells)

CUSTOM MODEL 49 SKEET SPECIAL

SINGLE TRIGGER OVER AND UNDER

SPECIAL FEATURES OF THE MODEL 49

1. 26-28-30 Barrels made from Extra Fine QUALITY Alloy Steel (Proof Tested) — Beautiful Chrome Lined Bores giving Higher Velocities, Greater Penetration and Accuracy, also eliminating Corrosion, Erosion and Cleaning Problems.
2. Painstaking Workmanship Throughout.
3. Finest Materials including American Walnut Hand Checkered and Oil Finished Stocks and Forearms.
4. Trouble Free Single Trigger.
5. Extra Fine Lustre Black Finish on All Exposed Surfaces.
6. Extra Set of Barrels with Ventilated Top Rib and combination Chokes of your own choice $165.00 Extra.
7. Full Fancy Stocks and Engraved Frames Furnished on Special Order at Additional Cost.

	Price
12 ga. 26" or 28" barrel	**$220.00**
16 ga. 26" or 28" bbl.	**220.00**
20 ga. 26" or 28" barrel	**220.00**
410 ga. 26" or 28" bbl.	**220.00**

(410 ga. Chambered for 3" Shell—all others for 2¾" Shells)

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

THE RIFLE

Rifling, a word derived from the old German word "Rifflen," meaning to groove, is the term used to designate the spiral grooves of the inside of a gun barrel which impart a rotary motion to the projectile as it proceeds down the barrel and which is maintained during flight. This equalizes irregularities of bullet shape and in addition, cuts down the air resistance and thereby adds immensely to the velocity, accuracy and efficiency of a bullet.

'he credit for the invention of rifling is usually assigned to pard Kollner, a Viennese gun maker in the 15th Century but, ers credit Augustus Kotter of Nueremberg in the year 1520. ling has been practiced in many different es such as straight, parallel, half round with the number of grooves ranging from 12 and the twists varying accordingly.

lthough a Hessian Prince in the year 1631 a number of men equipped with rifles and ers were used in Bavaria about 10 years r, the rifle as a military weapon did not lly become popular until the middle of the h Century. It had in the meantime, how- r, been highly developed by some of the ly Pennsylvania colonists who used these t effectively at 150 yards against the Brit- during the Revolution, whose gun the own Bess," a smooth bore, had an effective ge of but slightly over 60 yards. The muzzle ling hunting rifle reached its highest point perfection just before the Civil War when ifle was produced which was quite accurate to 500 yards.

n the Tower of London is a breech loading pon of the year 1537 but, breech loading s for sporting rifles had not become com- until about the middle of the 19th Cen- y. A number of them being used in the il War. The Henry lever action repeater the first popular rifle of this type and the decessor of the modern lever and slide on rifles.

he bolt action rifle which is today the most popular and practi- of the high powered rifles found had its origin in the old ssian needle gun which was used so successfully in the Franco- ssian War.

'he most recent type of gun is the semi-automatic rifle, which nevertheless, about 40 years old but, only very recently, has n developed for a really high powered cartridge. It is a ticular pleasure for us in this catalog to introduce and place the market for the first time in America a semi-automatic gas rated rifle capable of firing any rimless high powered cartridge uding the popular cal. .30-06 Government. In closing this brief oduction on the History and Development of rifles, we should to state that the semi-automatic high power rifles such as wn on page 53 of this catalog represents the gun of the future.

ame rifles in a broad way are classified as small game, medium game, and large game rifles. Large game rifles are again ded into two classes, for large North American game and those large African and Indian game.

he small game rifle usually has a caliber from .22 to .25; the lium game usually has a caliber from .25 to .30; the large game depending upon the power of the cartridge, runs from .25 ber up to caliber .600 Nitro Express.

ur catalog lists a great many different models chambered for nerous different cartridges, for all game shooting purposes.

Vithout a doubt, the .22 Long Rifle Rim Fire Cartridge enjoys the greatest popularity. This cartridge can be used in the well-known slide action or pump action repeating rifle, bolt action, single shot, lever action, and automatic rifle. During the last two or three years the .22 rim fire cartridge has been manufactured and offered in a strong brass alloy case and should not be used in old guns. This strong case permits high breech pressure which in turn almost doubles the power of the ordinary .22 Long Rifle cartridge. Accordingly using a modern .22 rifle and high speed cartridge, the hunter may kill small game up to 200 yards. This cartridge is also supplied in a hollow point lead bullet which has a tremendous shocking power and has been known to kill woodchucks at 200 yards.

Target shooting in matches with the well-known .22 caliber rifle is becoming more and more popular. For this style of shooting, if one is to be outstandingly successful, a gun weighing 8 pounds or more should be used having micrometer receiver sights and globe front sight installed. In addition to this, many matches allow rifles with target telescopes. The rifle target telescope has many advantages; through it, one can easily see the bull's eye, the shots may be easily spotted and the eye strain is less. It is not necessary to have an expensive rifle. We list all kinds of target rifles and the light weight target rifle, a single shot or repeating bolt action model performs very well and is widely used in camps and for practice wherever one chooses.

The medium game rifle from caliber .25 to caliber .30 is used for game ranging in size of a woodchuck up to and including small size deer. A variety of cartridge loads and styles of bullets is available for the medium game rifle.

The large game rifle ranging in caliber from .25 up to .405 Winchester may be had in a large variety of cartridges and loads.

This rifle is used for game ranging in size from medium size deer up to and including the Alaskan Kodiak bear and also the American grizzly. One of the very most popular calibers is the caliber .30-06 Military cartridge for sporting bolt action rifles. However, there are many other cartridges which will suffice if one does not care for the bolt action style of rifle and such a large cartridge.

For African big game hunting we recommend the .350 Rigby, .375 Magnum, .416 Rigby, .404 or .500 Jeffery where a bolt action is desired. Many other calibers which have specific purposes may also be used suitably. In this catalog will be found the most complete listing of bolt action rifles including those made by concerns with such worldwide reputations as Holland & Holland, John Rigby, W. J. Jeffery and others.

For the largest and most dangerous thick skinned game we particularly recommend the double barrel rifle which has a distinct advantage over every other type in that it is, for practical purposes, two rifles built in one and the failure or breakage of one part of the mechanism will not cause the weapon to be useless. The double barrel rifle offers two shots as quickly as the automatic rifle and does not require any shifting of the hands for making ready for the second shot and is so heavily constructed that it is possible to shoot cartridges with bullet weights up to 900 grains and developing an energy of 7590 foot seconds.

Hämmerli PRECISION SMALL BORE MATCH RIFLE

Model Smolbor **$420.00**

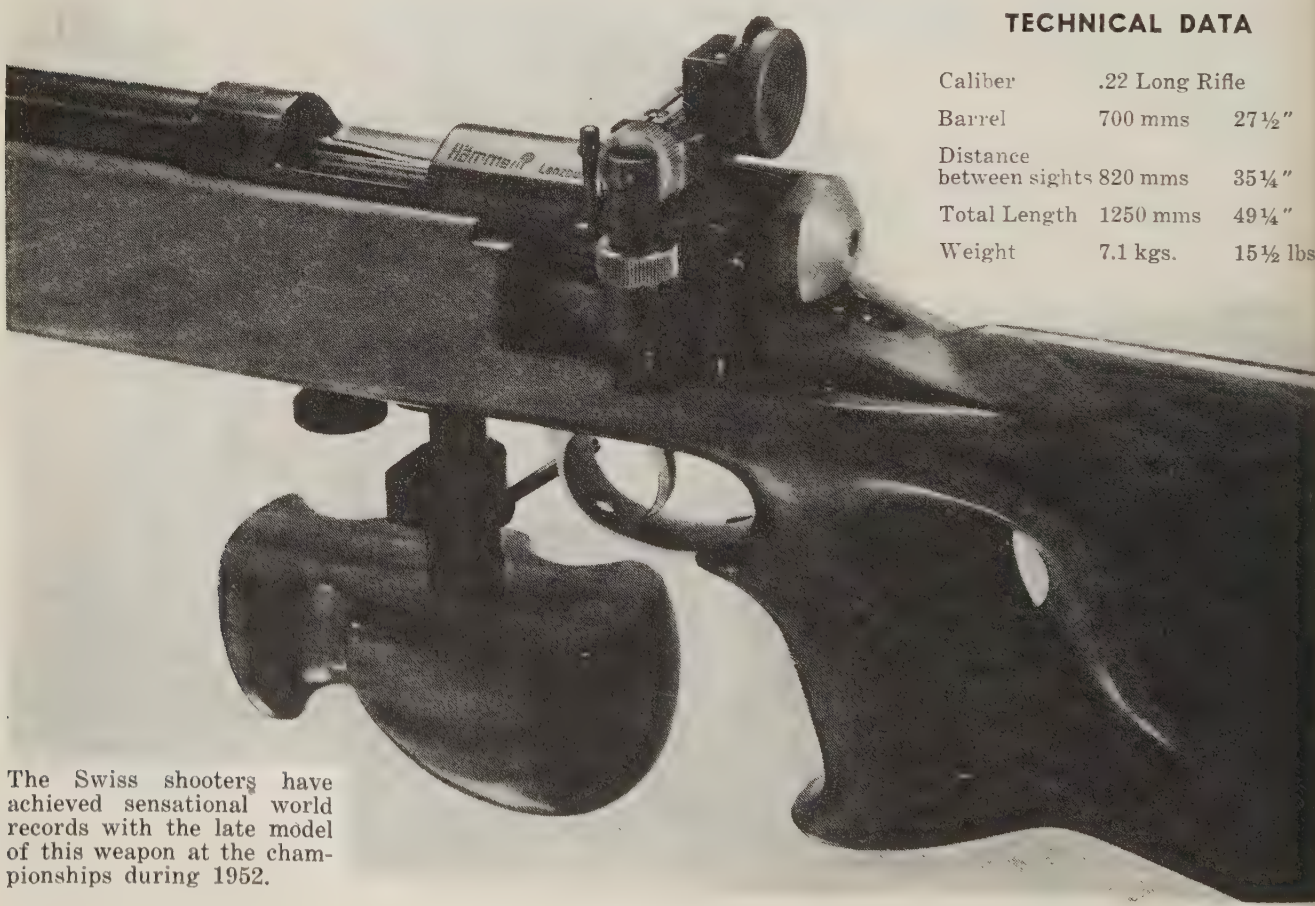
Model Smolbor with 5-fold hair trigger **$450.00**

MODEL SMOLBOR
The Match Rifle for National and International Shooting Competitions.

Barrel made of high-grade British special steel, with a guaranteed performance of 100 points on the machine in a circle, 12 mms. All parts of the locking mechanism made of alloy steel, hardened and ground to resist wear. Fitted-in patented special draw-pull trigger, independent of the extra striker spring, ensures a uniform and light performance. New firing pin, reduced to 6 mms. The stock is made of fine walnut or elm wood, the butt is of modern shape with a pistol handle and a thumb hole, finely polished. Adjustable butt heel plate. Haemmerli diopter with novel adjustable pin-hole sight, sliding on a rail and situated extra low. Tunnel foresight with exchangeable inserts. The diopter sight can, if desired, be replaced by an open patent sight. For shooting in standing position an adjustable hand support is provided which is movable in all directions.

TECHNICAL DATA

Caliber	.22 Long Rifle	
Barrel	700 mms	27½"
Distance between sights	820 mms	35¼"
Total Length	1250 mms	49¼"
Weight	7.1 kgs.	15½ lbs.



The Swiss shooters have achieved sensational world records with the late model of this weapon at the championships during 1952.

This page reproduced from Stoeger Catalog Edition No. 45, 1954.

Hämmerli 300 Meter High Performance Match Rifle

PRICES

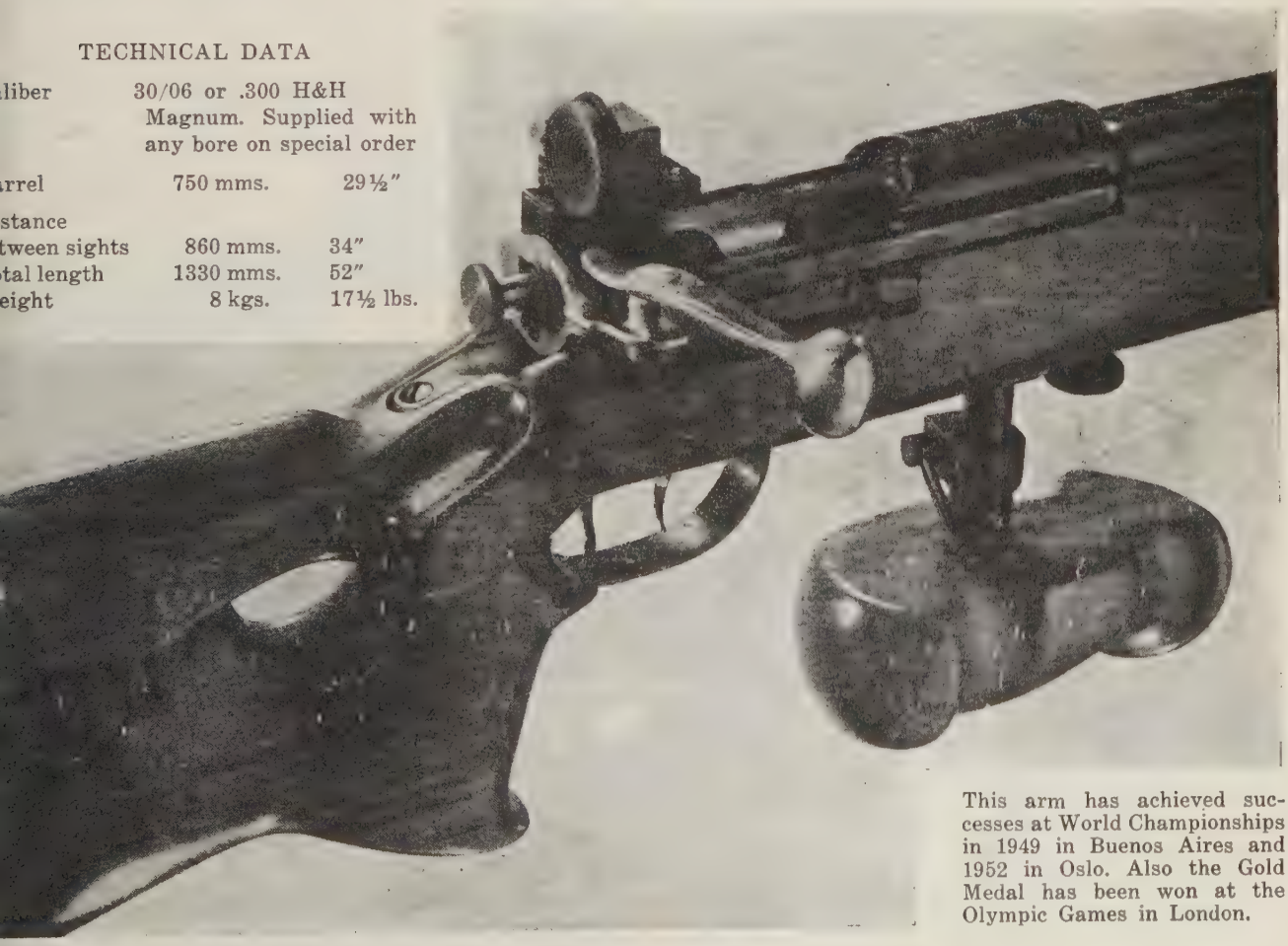
ith single trigger (double-pull) . **$475.00**
ith double 5-fold hair trigger . . . **$500.00**

The accurately machined barrel of high-grade rrel steel has a performance on the machine of 0 points. Operation of the breach mechanism of e straight-line lock is facilitated by means of a perposed lever.

ll parts of the locking mechanism are made of ckel-chromium alloy steel and hardened and ound. The pull weight of the built-in draw-pull trigger (protected by special patents) is adjustable by means of a screw. Improved short firing pin. Modern straight stock with thumb hole and pistol handle, made of walnut and finely polished. Adjustable butt end with heel plate adapted to the shoulder. The diopter with an adjustable pin hole sight is sliding on a rail. Tunnel fore-sight with interchangeable inserts. Supplied with an adjustable hand support for shooting in standing position.

TECHNICAL DATA

liber	30/06 or .300 H&H Magnum. Supplied with any bore on special order	
rrel	750 mms.	29½"
stance tween sights	860 mms.	34"
tal length	1330 mms.	52"
eight	8 kgs.	17½ lbs.



This arm has achieved successes at World Championships in 1949 in Buenos Aires and 1952 in Oslo. Also the Gold Medal has been won at the Olympic Games in London.

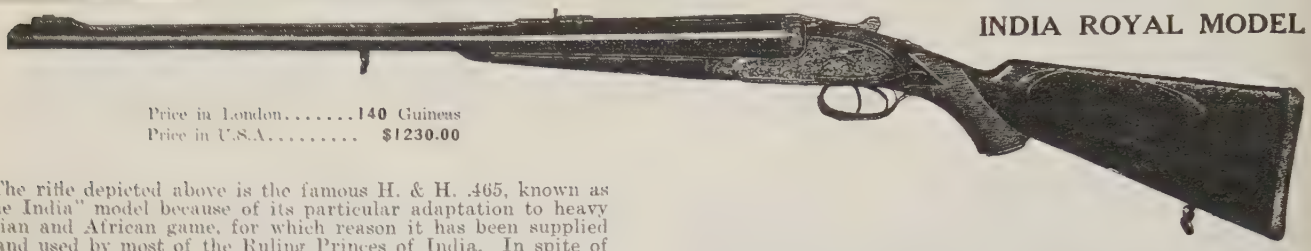
is page reproduced from Stoeger Catalog Edition No. 45, 1954.

HOLLAND & HOLLAND DOUBLE AND MAGAZINE RIFLES

For many years Holland & Holland have been most successful in the construction and regulation of double-barreled rifles, and attention is drawn to the fact that their double rifles won all the competitions in the "Field" Rifle Trials. Most of the large sporting expeditions to Africa and other parts of the world have been fitted out with Holland Rifles.

HIGH VELOCITY RIFLES. After most exhaustive trials and experiments Holland & Holland have been successful in perfecting a series of Sporting Rifles, shooting Nitro powders and various forms of bullets suitable for game of every description. The reports received by them from sportsmen throughout the world are of the most favorable character.

INDIA ROYAL MODEL



Price in London.....140 Guineas
Price in U.S.A..... $1230.00

The rifle depicted above is the famous H. & H. .465, known as "The India" model because of its particular adaptation to heavy Indian and African game, for which reason it has been supplied to and used by most of the Ruling Princes of India. In spite of its enormous stopping power, it has the same balance, lightness of recoil and handiness with the advantage of increased velocity and flat trajectory, of the older H. & H. Cal. .450 as used by the late President Theodore Roosevelt on his famous African Expeditions. The muzzle velocity is 2140 ft. sec. and the muzzle energy, 4880 ft. lb. with a 480 grain bullet. Regularly 10½ lb. but 7½ with light-weight barrels.

The "Magnum Royal" is identical to the "India" except that it is constructed for the extremely popular H. & H. .375 Magnum cartridge, developing a muzzle velocity of 2800 with a 235 grain bullet and an energy of 4090 ft. lb. Bullets of 270 and 300 grain also available. It is suitable for all game from deer to elephant. The gun weighs about 9¼ lb.

The "Super Thirty" is again identical, but built for the .30 Super Rimmed Cartridges, firing a 150 grain bullet at a velocity of 2900 ft. sec. and an energy of 2800 ft. lb. Light in weight, about 9 lb. without appreciable recoil, and especially recommended for all thin skinned game.

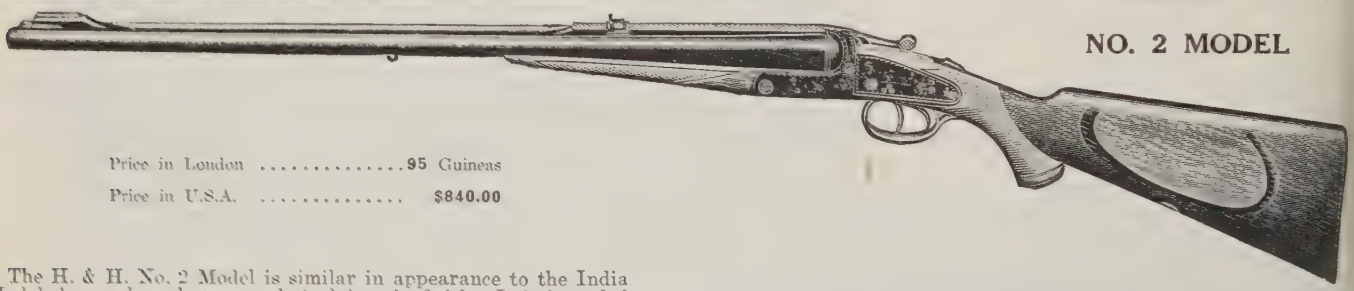
The "Apex" cal. .240 Rimmed is designed for deer shooting and all light game. It has a velocity of 1940 ft. sec. and 2950 ft. lb. energy. It is very light and has fine precision. Weight about 8¼ lb.

"MODELE DE LUXE"

This "Modele de Luxe" represents the highest grade of modern gunsmithing yet reached. Selected workmen of great skill are employed in its manufacture. This weapon has a specially selected stock and is finished in an exceedingly artistic manner combined with a work of art. Particularly suitable as a presentation rifle. Made only to order and available in any bore.

Price in London.....160 Guineas
Price in U.S.A.....$1400.00

NO. 2 MODEL

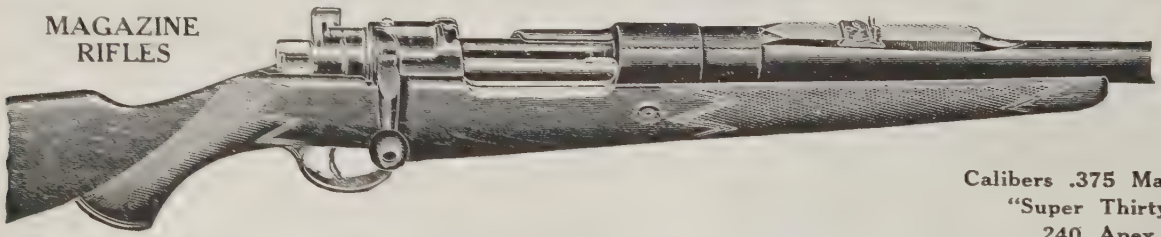


Price in London .....95 Guineas
Price in U.S.A. $840.00

The H. & H. No. 2 Model is similar in appearance to the India Model shown above but somewhat plainer in finish. It is intended to meet the requirements of those sportsmen wishing a sound, well-made and good shooting weapon at a more moderate price, and is particularly recommended for the roughest type of use.

The No. 2 Grade rifles pass the same high standard of accuracy as the "Royal" Models and the shooting and regulating is carried out with the same care. This rifle is built in the same calibers as the "Royal" Model.

MAGAZINE RIFLES



Calibers .375 Magnum
"Super Thirty"
.240 Apex

All H. & H. Magazine Rifles are built on special original new Mauser actions, are barreled, chambered and stocked with the same care and attention to detail that has always characterized all H. & H. workmanship.

The best known and most popular of the H. & H. Magazine Rifles is the .375 H. & H., in which caliber the rifle weighs 8½ lbs. and is perfectly balanced. This is the rifle illustrated.

Very similar in appearance are the "Super Thirty" and .240 "Apex," the ballistics of which will be found in this book under English Ballistics.

Price, best quality, with attachable stock, cheek piece, etc.,
In London .....35 Guineas
In New York $320.00

Price, plain quality, non-detachable stock, without cheek piece,
In London .....30 Guineas
In New York $275.00

This page reproduced from Stoeger Catalog Edition No. 32, 1940.

John Rigby & Co., Double Rifles

U. S. AGENTS

In a vocation which demands continuous study and experi-
nt the tendency is for the store of accumulated wisdom to
ss as an heritage from father to son. Gunmaking is cer-
nly a handicraft and a science to which the rule applies,
d the firm of Rigby an outstanding example.
Rigby have been pioneers of the modern High Velocity
fle since 1898, and today the Rigby is the world's out-
nding make. It has been and is being supplied not only
the nobility, but also to discriminating big game hunters
erywhere who can appreciate and afford the very best.
An essential feature in a double barrel rifle is its accuracy, not
ly as regards the grouping of each barrel individually but the
ouping together of the shots from each barrel at various ranges. This has always been studied by Rigby to such purpose that today, the world over, the accuracy of a Rigby double barrel rifle is a "Sine qua non."

In submitting this list of double barrel sporting rifles we particularly recommend the three calibers listed, and which according to their size are suitable for all kinds of game from Elephant to the smaller species of Antelope or Deer. Rigby manufactures rifles firing other standard or trade types of cartridges, but consider that the four calibers shown cover a sufficient range to meet all requirements.

In soliciting your favoured orders we are confident that we are offering you workmanship, reliability, and value that cannot be surpassed.

RIGBY "BEST QUALITY"—Side Lock

Available in the Following Calibers: .275 Magnum, .350 No. 2 and .470

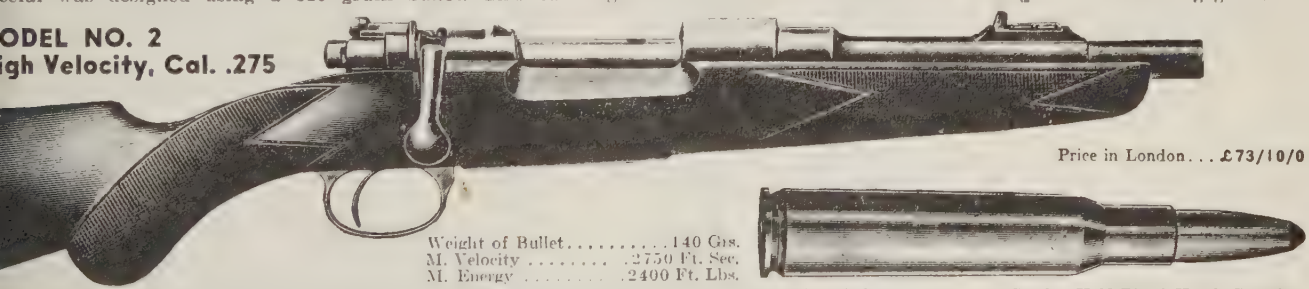
Price in London..... £336/0/0

The weapon is hand made throughout in our own workshops
om materials and components of the finest quality. The work-
nship is of the highest and in its manufacture everything is
ne that human skill can accomplish to produce a rifle perfect
every detail.
The illustration shows the rifle to be of side lock pattern artistically engraved with carved fences, its appearance and handsome outline combining strength with quality. The stock is of specially chosen wood and the ejector mechanism is of thorough reliability. The breech action is treble grip with top lever and automatic safety. The backsight consists of a fixed standard and two folding leaves, the foresight having an ivory bead.

In the Rigby Magazine Sporting Rifle the Breech Loading
stem with its flush double column Magazine, powerful breech
sing and strong yet simple and light construction, holds the
remost position for shooting purposes. It was first introduced
John Rigby & Co. in connection with the .275 (7 m/m).
To meet the requirements presented by heavier game the .350R
ecial was designed using a 310 grain bullet. This cartridge has now been superseded by a redesigned cartridge of this caliber known as the .350 "Magnum" using a 225 grain bullet and acknowledged to be ideal for medium game in all parts of the world.

The third Proprietary cartridge of Rigby is known as the .416 bore big game gun, specially built at the request of big game hunters and recommended for killing all classes of big game.

ODEL NO. 2
igh Velocity, Cal. .275



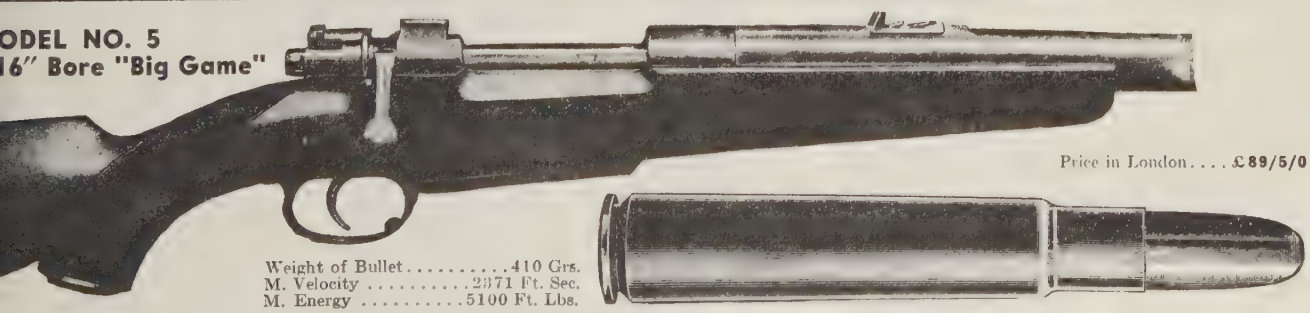
Price in London... £73/10/0

Weight of Bullet.....140 Grs.
M. Velocity ..... .2750 Ft. Sec.
M. Energy ..... .2400 Ft. Lbs.

This rifle shoots the new High Velocity Ammunition which gives a very flat
ectory, and is therefore an ideal weapon for Deer-Stalking. One sight only
equired for any distance under 300 yards, and for running shots the for-
rd allowance is small.

Bore—275-inch (7 m/m). Stock—Half Pistol Hand, Sporting.
Length of barrel—23½ inches. Weight—About 7½ pounds.
Sighting—Standard sight, 100 yards, and Folding Leaves, 300, 400 yards, Foresight Ivory Tipped Bead, Spare Foresight supplied.

ODEL NO. 5
16" Bore "Big Game"



Price in London.... £89/5/0

Weight of Bullet.....410 Grs.
M. Velocity .....2371 Ft. Sec.
M. Energy .....5100 Ft. Lbs.

This new rifle and its ammunition is the result of a great deal of thought
experimental work, and we are confident that sportsmen, who on account
price, or for other reason, prefer (for heavy and dangerous game) a single
rel rifle with magazine, to a double barrel, will find it an equal weapon.
Unlike other large-bore magazine rifles now on the market which are made
n military actions originally designed for much smaller cartridges and
verted in various ways, the action and magazine of this rifle have been specially designed and manufactured. The magazine which holds four cartridges is practically flush and the feed into chamber is very smooth. India Rubber Heel Pad fitted to Stock to absorb recoil.

Bore—416-inch. Stock—Pistol Hand, Sporting.
Length of Barrel—24 inches. Weight—9¼ pounds.
Sighting: Standard Sight 100 yards and Folding Leaves 200-300 yards. Foresight Ivory Tipped Bead. Spare Foresight supplied.

is page reproduced from Stoeger Catalog Edition No. 43, 1952.

STANDARD BALLISTICS OF ENGLISH CARTRIDGES

DESCRIPTION	*Powder	†Bullet	Length of Barrel	Pressure at 60° F.	Muzzle Velocity	Muzzle Energy	50 Yards Velocity	50 Yards Energy	100 Yards Velocity	100 Yards Energy
			In.	Tons per sq. in.	Ft. per sec.	Ft.-lb.	Ft. per sec.	Ft.-lb.	Ft. per sec.	Ft.-lb.
.297/.230 (Morris) Short	3¼ grs. Black	37 gr. 1, 2, 3	26	—	875	63	789	51	715	42
.297/.230 (Morris) Short	1¾ grs. R. N.	37 gr. 1, 2, 3,	26	—	875	63	789	51	715	42
.297/.230 (Morris) Long	5½ grs. Black	37 gr. 1, 2, 3	27½	—	1,200	118	1,059	92	966	77
.297/.230 (Morris) Long	2¾ grs. C. N.	37 gr. 1, 2, 3	27½	—	1,200	118	1,059	92	966	77
.240 Flanged Nitro-Express (Holland)	38½ grs. N. C.	100 gr. 4, 5, 6	28	—	2,775	1,711	2,654	1,566	2,537	1,430
.240 Flanged Nitro-Express (Holland)	38½ grs. N. C.	100 gr. 4, 8	28	—	2,775	1,711	2,661	1,574	2,541	1,435
.240 Belted Rimless Nitro-Express (Holland)	40½ grs. N. C.	100 gr. 4, 5, 6	28	—	2,900	1,869	2,760	1,693	2,652	1,560
.240 Belted Rimless Nitro-Express (Holland)	40½ grs. N. C.	100 gr. 4, 8	28	—	2,900	1,869	2,760	1,693	2,652	1,560
.242 Rimless Nitro-Express (Vickers)	42 grs. N. C.	100 gr. 4, 5, 6, 8	28	19.0	3,000	2,000	2,867	1,827	2,738	1,665
.246 Purdey	40 grs. N. C.	100 gr. 4, 10	28	18.0	2,950	1,934	2,805	1,748	2,665	1,580
6.35 mm. (.25) Auto. Pistol	1½ grs. Rim N.	50 gr. 4, 2, 6	2	—	750	63	690	53	634	45
.297/.250 Rook Rifle	6½ grs. Black	56 gr. 1, 2, 3	27	—	1,150	165	1,046	136	972	117
.297/.250 Rook Rifle	3 grs. C. N.	56 gr. 1, 2, 3	27	—	1,150	165	1,046	136	972	117
.255 Rook Rifle	9 grs. Black	65 gr. 1, 2, 3	26	—	1,200	208	1,070	165	980	140
.255 Rook Rifle	4 grs. C. N.	65 gr. 1, 2, 3	26	—	1 200	208	1,070	165	980	140
6.5 mm. (.256) Mannlicher (Dutch)	36 grs. N. C.	160 gr. 4, 2, 6, 9	31	17.5	2,350	1,960	2,216	1,743	2,084	1,542
6.5 mm. (.256) Mannlicher (Dutch)	40 grs. N. C.	135 gr. 4, 2	31	17.5	2,650	2,104	2,546	1,942	2,442	1,786
6.5 mm. (.256) Mannlicher Schonauer	36 grs. N. C.	160 gr. 4, 2, 6, 9	28½	17.5	2,300	1,882	2,166	1,668	2,036	1,474
6.5 mm. (.256) Mannlicher Schonauer	40 grs. N. C.	135 gr. 4, 2	28½	17.5	2,600	2,028	2,494	1,866	2,392	1,716
6.5 mm. (.256) Mauser (Portuguese)	38 grs. N. C.	155 gr. 4, 2, 6	29	17 0	2,400	1,982	2,288	1,803	2,188	1,651
6.5 mm. (.256) Krag-Jorgensen	38 grs. N. C.	160 gr. 4, 2, 6, 9	30	18.5	2,400	2,050	2,265	1,825	2,135	1,620
6.5 mm. (.256) Krag-Jorgensen	40 grs. N. C.	135 gr. 4, 2	30	18.5	2,800	2,350	2,691	2,170	2,584	2,000
.256 Magnum (Gibbs)	35 grs. Cordite	145 gr. 4, 8	28	19.0	2,600	2,178	2,502	2,017	2,415	1,879
.26 Belted Rimless Nitro-Express (B.S.A.)	53 grs. N. C.	110 gr. 4, 2, 10	27	18.0	3,100	2,350	2,960	2,141	2,824	1,950
.275 Flanged Magnum Nitro-Express (Holland)	49 grs. N. C.	160 gr. 4, 5, 6, 8	28	—	2,575	2,357	2,454	2,141	2,342	1,950
.275 Belted Rimless Magnum Nitro-Express (Holland)	52 grs. N. C.	160 gr. 4, 5, 6, 8	28	—	2,675	2,550	2,554	2,320	2,439	2,120
.275 Rimless (Rigby)	43 grs. N. C.	140 gr. 4, 8, 5, 6	28	18.0	2,750	2,352	2,629	2,150	2,518	1,973
.275 Rimless (Rigby)	40 grs. N. C.	173 gr. 4, 2, 6	28	18.0	2,400	2,214	2,288	2,012	2,180	1,827
7 mm. (.276) Mauser (Spanish)	38 grs. N. C.	173 gr. 4, 2, 6, 11, 12	29	16.5	2,300	2,038	2,189	1,842	2,083	1,670
7 mm. (.276) Mauser (Spanish)	48 grs. N. C.	140 gr. 4, 2, 8	29	18.5	2,900	2,626	2,787	2,415	2,677	2,220
7 mm. Rigby Magnum	40 grs. N. C.	140 gr. 4, 8	29½	17.0	2,675	2,226	2,547	2,017	2,442	1,855
.280 Flanged Nitro-Express	52 grs. N. C.	160 gr. 4, 3	28	16.5	2,600	2,403	2,466	2,162	2,336	1,941
.280 Flanged Nitro-Express	52 grs. N. C.	140 gr. 4, 3, 8	28	16.5	2,800	2,440	2,640	2,160	2,485	1,920
.280 Flanged Nitro-Express	48 grs. N. C.	180 gr. 4, 2	28	16.5	2,425	2,353	2,319	2,160	2,215	1,970
.280 Flanged Nitro-Express	49½ grs. N. C.	150 gr. 4, 2	28	16.5	2,675	2,385	2,542	2,160	2,412	1,945
.280 Rimless Nitro-Express (Ross)	54 grs. N. C.	160 gr. 4, 3	28	18.0	2,700	2,592	2,563	2,335	2,430	2,100
.280 Rimless Nitro-Express (Ross)	54 grs. N. C.	140 gr. 4, 3, 8	28	18.0	2,900	2,617	2,736	2,330	2,578	2,065
.280 Rimless Nitro-Express (Ross)	50 grs. N. C.	180 gr. 4, 2	28	18.0	2,525	2,550	2,417	2,340	2,310	2,140
.280 Rimless Nitro-Express (Ross)	51½ grs. N. C.	150 gr. 4, 2	28	18.0	2,775	2,567	2,638	2,320	2,506	2,090
.280 Jeffery Nitro-Express Rimless	57 grs. N. C.	140 gr. 4, 8	28	18.5	3,000	2,800	2,846	2,520	2,697	2,268
Super .30 Magnum Flanged (Holland)	55 grs. Cordite	150 gr. 4, 5, 6	28	17.5	2,875	2,755	2,726	2,480	2,581	2,225
Super .30 Magnum Flanged (Holland)	50 grs. Cordite	180 gr. 4, 6	28	17.5	2,575	2,653	2,440	2,381	2,309	2,131
Super .30 Magnum Flanged (Holland)	46 grs. Cordite	220 gr. 4, 6	28	17.5	2,250	2,475	2,146	2,252	2,045	2,045
Super .30 Magnum Rimless (Holland)	58 grs. Cordite	150 gr. 4, 5, 6	28	18.5	3,000	3,000	2,846	2,700	2,698	2,425
Super .30 Magnum Rimless (Holland)	55 grs. Cordite	180 gr. 4, 6	28	18.5	2,700	2,915	2,561	2,624	2,426	2,355
Super .30 Magnum Rimless (Holland)	49 grs. Cordite	220 gr. 4, 6	28	18.5	2,350	2,700	2,244	2,464	2,141	2,242
.30 Mauser Auto. Pistol	9½ grs. C. N.	85 gr. 4, 2, 6	5½	—	1,400	370	1,216	280	1,090	224
.300 Revolver	6 grs. Black	80 gr. 1, 2, 3	4	—	600	64	572	58	546	53
.300 Revolver	2¼ grs. R. N.	80 gr. 1, 2, 3	4	—	600	64	572	58	546	53
.300 (or .295) Rook Rifle	10 grs. Black	80 gr. 1, 2, 3	27½	—	1,100	216	1,011	182	945	159
.300 (or .295) Rook Rifle	4½ grs. C. N.	80 gr. 1, 2, 3	27½	—	1,100	216	1,011	182	945	159
.300 Sherwood	8½ grs. C. N.	140 gr. 13, 2, 3, 14	27½	—	1,400	610	1,265	497	1,157	416
.300 Sherwood	8½ grs. C. N.	140 gr. 4, 2	27½	—	1,400	610	1,265	497	1,157	416
.300 Sherwood	8½ grs. C. N.	120 gr. 4, 12	27½	—	1,450	561	1,291	445	1,165	360
.30 Flanged (.30-40 Krag)	35 grs. N. C	220 gr. 4, 6	30	16 5	2,000	1,960	1,905	1,770	1,820	1,620
.30 Rimless (Springfield '06)	41 grs. N. C.	220 gr. 4, 6	26	18 0	2,200	2,360	2,100	2,160	2,010	1,980
.30 Rimless (Springfield '06)	47 grs. N. C.	150 gr. 4, 2, 8	26	18 0	2,700	2,425	2,565	2,189	2,435	1,973
.30 Rimless (Springfield '06)	52 grs. N. C.	180 gr. 4, 8	26	18 0	2,700	2,915	2,596	2,685	2,494	2,485
.30-30 Winchester	22 grs. Cordite	170 gr. 4, 2, 6	20	—	1,950	1,440	1,825	1,260	1,707	1,100
7.63 mm. Mannlicher Auto. Pistol	4 grs. R. N.	85 gr. 4, 2, 6	5	—	1,050	208	975	180	915	158
7.65 mm. (or .32) Auto. Pistol or .30 Browning Pistol	3 grs. R. N.	72 gr. 4, 2, 6	3½	—	900	129	818	107	743	88
7.65 mm. Parabellum Auto. Pistol	5 grs. R. N.	92 gr. 4, 2, 6	5	—	1,200	295	1,088	242	1,009	208
7.65 mm. (.301) Mauser (Belgian and Turkish)	35 grs. N. C.	219 gr. 4, 2, 6	29	16.0	2,025	1,996	1,926	1,805	1,830	1,630
7.65 mm. (.301) Mauser (Belgian and Turkish)	46½ grs. N. C.	154 gr. 4, 2	29	17 0	2,750	2,589	2,616	2,340	2,489	2,120
.303 British (Mark VI)	31 grs. Cordite	215 gr. 4, 2	25	17.5	2,050	2,007	1,950	1,817	1,853	1,641
.303 British	31 grs. Cordite	215 gr. 4, 6, 11, 3	25	17.5	2,050	2 007	1,950	1,817	1,853	1,641
.303 British	31½ grs. Cordite	192 gr 4, 14	25	17.0	2,200	2,065	2,037	1,770	1,885	1,515
.303 British (Mark VII)	37 grs. Cordite	174 gr. 4, 2	25	18.5	2,450	2,330	2,342	2,130	2,236	1,940
.303 British	41 grs. N. C.	174 gr. 4, 10	25	18.5	2,450	2,330	2,356	2,160	2,260	1,985
.303 British	38 grs. Cordite	150 gr. 4, 8	25	18 5	2,700	2,430	2,581	2,220	2,464	2,025
.303 Savage	29 grs. N. C.	180 gr. 4, 2, 6	22	—	1,975	1,558	1,853	1,372	1,739	1,211
.310 Cadet (Greener)	6 grs. C. N.	120 gr. 1, 2, 3	26	—	1,200	384	1,146	350	1,100	322
7.9 mm. (.311) Mauser (German)	38 grs. N. C.	227 gr. 4, 2, 6, 11	29	15 5	2,075	2,168	1,934	1,884	1,798	1,628
7.9 mm. (.311) Mauser (German)	52 grs. N. C.	154 gr. 4, 2	29	18 0	2,875	2,824	2,730	2,545	2,590	2,290
8 mm. (.315) Mannlicher (Austrian, Bulgarian and Greek)	41 grs. N. C.	244 gr. 4, 2, 6, 11	30	14 0	2,025	2,223	1,893	1,943	1,767	1,693
8 mm. (.315) Mannlicher-Schonauer	42 grs. N. C.	200 gr. 4, 2, 6, 11	20	—	2,200	2,147	2,047	1,860	1,900	1,605
.318 Rimless Nitro-Express	52 grs N. C.	250 gr. 4, 2, 6, 11, 12	28	18 5	2,400	3,194	2,295	2,922	2,191	2,670
.318 Rimless Nitro-Express	55 grs. N. C.	180 gr. 4, 2, 12	28	18.5	2,700	2,920	2,540	2,580	2,390	2,290
.32 S. & W. Revolver	4½ grs. Black	85 gr. 1, 2	3	—	600	68	551	57	504	48
.32 S. & W. Revolver	2 grs. R. N.	85 gr. 1, 2	3	3.0	600	68	551	57	504	48
.32 S. & W. Long Revolver	10 grs. Black	98 gr. 1, 2	3¼	—	700	106	653	93	608	81
.32 S. & W. Long Revolver	3 grs. R. N.	98 gr. 1, 2	3¼	3.0	700	106	653	93	608	81
.320 Revolver	6 grs. Black	80 gr. 1, 2, 3	3	—	550	54	513	47	478	41
.320 Revolver	2 grs. R. N.	80 gr. 1, 2, 3	3	—	550	54	513	47	478	41

Abbreviations are to read as follows:

* Powder: Black — B. Revolver Neonite — R. N. Cadet Neonite — C. N. Revolver Cordite — R. C. Rim Neonite — Rim N. Nitro Cellulose — N. C.

† Bullets: Lead — No. 1, Solid Point — 2, Hollow Point — 3, Metal Covered — 4, Semi Pointed — 5, Soft Nosed — 6, Semi Pointed Soft Nosed — 7, Copper Pointed — 8, Improved Split — 9, Soft Nosed Pointed — 10, Split Cap — 11, W. R. Cap — 12, Metal Based — 13, Copper Tubed — 14.

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STANDARD BALLISTICS OF ENGLISH CARTRIDGES

DESCRIPTION	*Powder	†Bullet	Length of Barrel	Pressure at 60° F.	Muzzle Velocity	Muzzle Energy	50 Yards Velocity	50 Yards Energy	100 Yards Velocity	100 Yards Energy
			In.	Tons per sq. in.	Ft. per sec.	Ft.-lb.	Ft. per sec.	Ft.-lb.	Ft. per sec.	Ft.-lb.
20 Long (Rifle)	8 grs. Black	80 gr. 1, 2, 3	26½	—	1,100	215	990	174	910	147
20 Long (Rifle)	4 grs. C. N.	80 gr. 1, 2, 3	26½	—	1,100	215	990	174	910	147
2 Colt New Police Revolver	11 grs. Black	100 gr. 1, 2	6	—	725	117	685	104	648	93
2 Colt New Police Revolver	2½ grs. R. N.	100 gr. 1, 2	6	—	725	117	694	107	664	98
2 (.32-20) Winchester	19 grs. Black	115 gr. 1, 2	28	—	1,225	384	1,113	317	1,033	273
2 (.32-20) Winchester	8 grs. C. N.	115 gr. 13, 2	28	—	1,400	501	1,244	396	1,128	325
2 (.32-20) Winchester	8 grs. C. N.	115 gr. 4, 2, 6	28	—	1,400	501	1,244	396	1,128	325
2 Winchester " Special "	23 grs. Cordite	170 gr. 4, 2, 6	26	—	2,000	1,510	1,861	1,308	1,733	1,135
2-40 Marlin and Winchester	18 grs. Cordite	165 gr. 13, 2, 14	26	—	1,650	998	1,520	847	1,400	720
2-40 Marlin and Winchester	18 grs. Cordite	165 gr. 4, 2, 6	26	—	1,650	998	1,520	847	1,400	720
3 Belted Rimless Nitro-Express (B.S.A.)	60 grs. N. C.	165 gr. 4, 2, 10	28	18.0	3,000	3,300	2,837	2,951	2,680	2,640
33 Flanged Nitro-Express	63 grs. N. C.	300 gr. 4, 2, 6, 11	28	—	2,150	3,090	2,069	2,857	1,990	2,640
33 Flanged Nitro-Express	67 grs. N. C.	250 gr. 4, 2, 8	28	—	2,400	3,200	2,306	2,950	2,215	2,730
33 Rimless Nitro-Express	65 grs. N. C.	300 gr. 4, 2, 6, 11	28	18.5	2,200	3,230	2,119	2,997	2,039	2,777
33 Rimless Nitro-Express	70 grs. N. C.	250 gr. 4, 2, 8	28	18.0	2,500	3,480	2,404	3,210	2,310	2,960
5 Winchester	48½ grs. N. C.	250 gr. 4, 2, 6	24	—	2,200	2,690	2,090	2,430	1,981	2,180
00/.350 Flanged Nitro-Express	43 grs. N. C.	310 gr. 4, 2, 6, 11	28	16.0	2,000	2,752	1,920	2,537	1,842	2,335
50 Magnum (Rigby)	65 grs. N. C.	225 gr. 4, 2, 5, 7, 8	24	17.5	2,625	3,440	2,465	3,033	2,307	2,657
51 Winchester Self-loading	20 grs. Cordite	180 gr. 4, 2, 6	20	—	1,800	1,297	1,644	1,081	1,495	894
mm. Auto. Pistol	5 grs. R. N.	110 gr. 4, 2, 6	5	—	1,000	244	904	200	832	169
mm. Parabellum Auto. Pistol	5½ grs. R. N.	124 gr. 4, 2, 6	4	—	1,100	333	1,033	294	978	264
mm. Mannlicher-Schonauer	45 grs. N. C.	245 gr. 4, 2, 6, 11	22½	17.0	2,100	2,397	1,989	2,150	1,880	1,921
mm. Mauser	47 grs. N. C.	245 gr. 4, 2, 6, 11	24	—	2,150	2,515	2,035	2,255	1,926	2,015
60 No. 5 Rook Rifle	14 grs. Black	134 gr. 1, 2, 3	26	—	1,025	312	935	252	860	220
60 No. 5 Rook Rifle	5 grs. R. N.	145 gr. 1, 2, 3	26	—	1,075	.....	.....	.....	.....	.....
60 Nitro-Express	30 grs. Cordite	300 gr. 4, 2, 6, 11	29	14.0	1,650	1,820	1,562	1,630	1,478	1,460
60 Nitro for Black Powder Express	22 grs. Cordite	190 gr. 13, 14	29	—	1,650	1,148	1,495	942	1,354	773
60 Black Powder Express	50 grs. Black	155 gr. 1, 3	29	10.0	1,700	1,000	1,520	800	1,360	640
60 Black Powder Express	50 grs. Black	190 gr. 1, 14	29	—	1,550	1,015	1,406	834	1,281	693
60 Black Powder Express	50 grs. Black	215 gr. 1, 2	29	—	1,450	1,005	1,317	828	1,205	694
00/.360 Nitro-Express (Purdey)	40 grs. Cordite	360 gr. 4, 2, 6, 11	28	15.5	1,950	2,537	1,862	2,312	1,776	2,102
00/.360 Nitro-Express (Westley Richards)	41 grs. Cordite	314 gr. 4, 2, 6, 11, 12	28	15.5	1,900	2,520	1,811	2,290	1,724	2,072
60 No. 2 Nitro-Express	55 grs. Cordite	320 gr. 4, 2, 6, 11	28	14.5	2,200	3,442	2,098	3,130	1,999	2,845
.3 mm. Mauser	54 grs. N. C.	285 gr. 4, 2, 6, 11	24	17.5	2,250	3,200	2,107	2,807	2,009	2,551
69 Purdey	64½ grs. N. C.	270 gr. 4, 5, 6	31	17.0	2,525	3,815	2,407	3,465	2,292	3,145
.5 mm. Mannlicher-Schonauer	45 grs. Cordite	270 gr. 4, 2, 6, 11	25	—	2,150	2,768	2,031	2,470	1,916	2,195
75 Rimless Nitro-Express	43 grs. Cordite	270 gr. 4, 2, 6, 11	25	—	2,100	2,640	1,980	2,350	1,870	2,100
75 Flanged Nitro-Express	40 grs. Cordite	270 gr. 4, 2, 6, 11	25	14.5	1,975	2,340	1,860	2,080	1,760	1,860
00/.375 Nitro-Express (Holland)	43 grs. Cordite	270 gr. 4, 2, 6, 7	28	—	2,175	2,840	2,050	2,522	1,930	2,235
75 Flanged Magnum Nitro-Express (Holland)	56 grs. Cordite	300 gr. 4, 2, 6, 12	28	—	2,425	3,930	2,300	3,526	2,183	3,180
75 Flanged Magnum Nitro-Express (Holland)	59 grs. Cordite	270 gr. 4, 5, 6	28	—	2,600	4,060	2,482	3,700	2,367	3,362
75 Flanged Magnum Nitro-Express (Holland)	60 grs. Cordite	235 gr. 4, 8	28	—	2,750	3,950	2,615	3,571	2,489	3,240
75 Belted Rimless Magnum Nitro-Express (Holland)	58 grs. Cordite	300 gr. 4, 2, 6, 12	28	—	2,500	4,070	2,370	3,744	2,253	3,390
75 Belted Rimless Magnum Nitro-Express (Holland)	61 grs. Cordite	270 gr. 4, 5, 6	28	—	2,650	4,210	2,531	3,837	2,415	3,496
75 Belted Rimless Magnum Nitro-Express (Holland)	62 grs. Cordite	235 gr. 4, 8	28	—	2,800	4,090	2,660	3,695	2,535	3,360
38 S. & W. Revolver	10 grs. Black	145 gr. 1, 2, 3	4	—	625	126	584	110	545	96
38 S. & W. Revolver	3 grs. R. N.	145 gr. 1, 2, 3	4	—	625	126	584	110	545	96
38-200 or .380 Mk. 1 (for Mark IV Revolver)	3½ grs. R. C.	200 gr. 1, 2	5	4.0	600	160	574	147	548	134
38 Colt Police Positive Revolver	10 grs. Black	150 gr. 1, 2	4	—	650	141	610	124	571	109
38 Colt Police Positive Revolver	3 grs. R. N.	150 gr. 1, 2	4	—	650	141	610	124	571	109
38 S. & W. " Special " Revolver	18 grs. Black	158 gr. 1, 2	6½	—	925	300	867	263	814	232
38 S. & W. " Special " Revolver	5 grs. R. N.	158 gr. 1, 2	6½	4.0	925	300	867	263	814	232
380 Revolver	10 grs. Black	124 gr. 1, 2, 3	4	—	625	108	576	92	530	78
380 Revolver	3 grs. R. N.	124 gr. 1, 2, 3	4	4.0	625	108	576	92	530	78
380 Long (Rifle)	15 grs. Black	124 gr. 1, 2, 3	26½	—	1,050	304	970	259	910	228
380 Long (Rifle)	4 grs. R. N.	124 gr. 1, 2, 3	26½	—	1,050	304	970	259	910	228
380 Auto. Hammerless Pistol, or .380 Auto. Webley or 9 mm. Short Auto. Pistol	3¼ grs. R. N.	95 gr. 4, 2, 6	4½	—	850	152	762	122	690	101
38 Auto. Pistol	5¼ grs. R. N.	130 gr. 4, 2, 6	6	6.5	1,100	349	981	278	880	223
38-40 Winchester	31 grs. Black	180 gr. 1, 2	24	—	1,325	702	1,196	570	1,101	484
400 Purdey, 3"	47 grs. Cordite	230 gr. 13, 2, 3, 14	26½	—	2,050	2,148	1,855	1,759	1,687	1,455
450/.400 Nitro for Black Powder Express, 2⅜"	32 grs. Cordite	270 gr. 13, 14	27	—	1,650	1,640	1,520	1,390	1,400	1,180
450/.400 Black Powder Express, 2⅜"	50 grs. Black	230 gr. 1, 14	27	10.0	1,750	1,563	1,597	1,302	1,454	1,079
450/.400 Black Powder Express, 2⅜"	50 grs. Black	250 gr. 1, 2	27	—	1,750	1,740	1,610	1,470	1,480	1,240
450/.400 Nitro-Express, 3"	60 grs. Cordite	400 gr. 4, 2, 6, 11	30	16.0	2,125	4,010	2,033	3,668	1,946	3,361
450/.400 Magnum Nitro-Express, 3¼"	60 grs. Cordite	400 gr. 4, 2, 6, 11	26	16.5	2,150	4,110	2,060	3,780	1,980	3,400
450/.400 Magnum Nitro for Black Powder Express, 3¼"	40 grs. Cordite	270 gr. 13, 14	26	—	1,850	2,050	1,705	1,743	1,572	1,480
450/.400 Magnum Black Powder Express, 3¼"	110 grs. Black	230 gr. 1, 14	26	11.0	2,000	2,045	1,821	1,690	1,662	1,410
450/.400 Magnum Black Powder Express, 3¼"	110 grs. Black	253 gr. 1, 2	26	—	1,900	2,045	1,749	1,735	1,609	1,465
401 Winchester Self-loading	32 grs. Cordite	200 gr. 4, 2, 6	20	16.5	2,125	2,010	1,907	1,620	1,705	1,290
404 Rimless Nitro-Express	60 grs. Cordite	400 gr. 4, 2, 6, 11	28	16.0	2,125	4,010	1,996	3,540	1,872	3,115
404 Rimless Nitro-Express	70 grs. Cordite	300 gr. 4, 2, 8	28	16.0	2,625	4,595	2,500	4,166	2,390	3,808
405 Winchester	57½ grs. N. C.	300 gr. 4, 2, 6	24	—	2,200	3,230	2,080	2,880	1,960	2,560
416 Rigby	70 grs. Cordite	400 gr. 4, 2	26	17.0	2,300	4,702	2,200	4,302	2,110	3,957
416 Rigby	71 grs. Cordite	410 gr. 4, 6	26	18.0	2,300	4,702	2,200	4,302	2,110	3,957
0.75 mm. (.423) Mauser	66 grs. N. C.	347 gr. 4, 2, 6, 11	24	16.0	2,175	3,641	2,058	3,260	1,943	2,906
433 (11 mm.) Gras	81 grs. Black	386 gr. 1, 2	36½	—	1,500	1,930	1,410	1,710	1,330	1,520
433 (11 mm.) Mauser	77 grs. Black	386 gr. 1, 2	31½	—	1,425	1,740	1,340	1,540	1,260	1,360
44 S. & W. Revolver (American)	18 grs. Black	220 gr. 1, 2	6½	—	700	239	663	215	627	192
44 S. & W. Revolver (American)	5¼ grs. R. N.	220 gr. 1, 2	6½	4.0	700	239	663	215	627	192
44 S. & W. Revolver (Russian)	18 grs. Black	246 gr. 1, 2	6½	—	700	268	666	243	633	220
44 S. & W. Revolver (Russian)	5½ grs. R. N.	246 gr. 1, 2	6½	4.0	700	268	666	243	633	220
44-40 Winchester	33 grs. Black	200 gr. 1, 2, 8	24	—	1,300	750	1,130	568	1,020	462
44-40 Winchester	10½ grs. R. N.	200 gr. 13, 2, 14	24	—	1,300	750	1,130	568	1,020	462

Abbreviations are to read as follows:

* Powder: Black — B. Revolver Neonite — R. N. Cadet Neonite — C. N. Revolver Cordite — R. C. Rim Neonite — Rim N. Nitro Cellulose — N. C.

† Bullets: Lead — No. 1, Solid Point — 2, Hollow Point — 3, Metal Covered — 4, Semi Pointed — 5, Soft Nosed — 6, Semi Pointed Soft Nosed — 7, Copper Pointed — 8, Improved Split — 9, Soft Nosed Pointed — 10, Split Cap — 11, W. R. Cap — 12, Metal Based — 13, Copper Tubed — 14.

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BARRACUDA GAS RIFLE

AIR RIFLE WITH GAS AUXILIARY BOOSTER

This, the new Barracuda Model EL-54, comprises all the favorable features of an air gun, but has considerably higher efficiency. It may be used solely as an air rifle for indoor target shooting, or if the shooter prefers outdoor plinking, it may be used with its gas auxiliary booster which greatly increases the range, power and accuracy of the gun.

The chemical boosting feature is achieved through a special design under which highly volatile gases are pumped into the compression chamber where they form a combustible mixture which is exploded by the compressed air. In this manner much higher pressures can be obtained than is possible in conventional air guns, resulting in much higher ballistical properties.

Even without the gas auxiliary, when used as a conventional air gun, the Barracuda EL-54 offers better than usual velocities and surprising accuracy.

With the gas-auxiliary employed the Model EL-54 can be used quite successfully for hunting small game, and its operation is very economical . . . it costs less than 1¢ per shot.

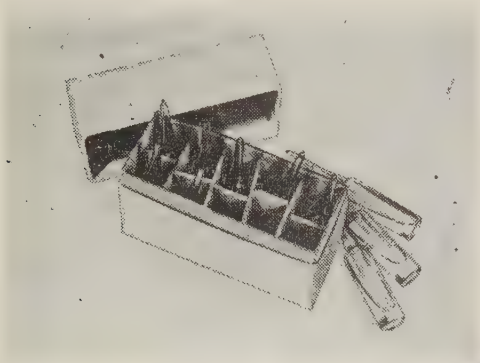
Extensive tests were recently conducted by our own staff of experts to determine the actual capabilities of this arm. The results were amazing: it consistently shot one-inch groups at forty feet despite the fact that no mechanical rest was used by the shooter; it penetrated one full inch of white pine at a range of forty feet when gas boosted; without the gas booster, used only as an air rifle, its 5.6mm ball still imbedded itself in the white pine at the same range.

PRICE

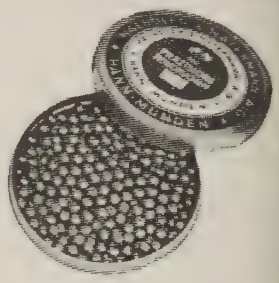
$49.95

5.6MM

(Includes one box of 10 gas capsules and 500 pellets)



Package of ten gas capsules—each one good for approximately 100 continuous shots.



EXTRAS

Gas capsules, per box of 10 ..... $2.50
5.6mm Lead Ball shot, per 500 ..... 3.00

SPECIFICATIONS

Caliber: 5.5mm with rifled barrel.
Ammunition: 5.6mm spherical ball shot (Recommended only for use with Barracuda ball shot as difficulties may result when using shot not suitable for use in this high-powered arm).
Propelling gas: Barracuda Gun Fuel in special glass capsules. (Good for 100 continuous rounds.)
Trigger: Adjustable, extra crisp and smooth.
Sights: Adjustable, micro sights, with globe front sight.

MODEL EL-54

Close up view of action, showing adjustable open rear sight, break-open lever, auxiliary gas chamber, and gas-release bolt. Once the gas reservoir is charged, you merely pull back, and release, the gas-release bolt to charge the firing chamber for each shot.

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GUNS OF THE PAST

By Jack Meehan

Our intention in this listing of ifles and shotguns which are "gone ut not forgotten" is to note some f those pieces which the average erson interested in firearms will ither remember directly from exerience or else likely have heard bout from his or her grandfather, ather or favorite uncle. It is not vritten from the firearm antiquarin's point of view where exact inormation as to mechanical features r dates of introduction, quantities nade, to whom sold, etc., is most mportant. It may serve as a point f departure for those considering detailed study of American guns, ut as I have remarked, it is meant nerely as a general listing of the nore popular, better known Ameriean weapons which the sportsman f today may know or have heard omething about. I shall not list all uch guns and I hope that those eaders who find I have not menioned some favorite of theirs will ot feel too outraged.

RIFLES

Although we think today of Colt as olely a maker of pistols and reolvers, in its early days this firm nade many rifles and shotguns. The irst rifles were really overgrown ercussion revolvers following the arly designs of Samuel Colt's reeating handguns. Through the ears there were changes and varitions; they begin in 1836 with the Patterson Colt Percussion Rifle and o through the model 1855 of 1858. The Burgess-Colt Repeating Rifle f 1883 is thought to be the only ever action rifle attempted by Colt. Then followed the Lightning modls with rim and center fire calibers f several types. The famous B.A.R. f our services (the Browning Automatic Rifle) is also a Colt gun. Similarly the equally well known Thompson Sub-Machine Gun can be onsidered a Colt production. Some louble barreled rifles were also nade by Colt particularly in caliber 5/70. Although we realize the great nterest in Colt guns which is curent today, we cannot go into this pecialty here because the models nd types are many and varied and eally accurate accounts of them are omewhat sketchy. One needs to be specialist in Colt guns to proprly discuss them. I have been told, ut cannot vouch for it, that many ears ago when Colt gave indications that they might seriously compete with Winchester in making rifles, Winchester made a percussion revolver, a really good one, as a warning to Colt that if they persisted too far in the rifle field Winchester would go into the handgun field in a big way. However, it's believed that Winchester made only one single percussion revolver. It is now in Winchester's own collection.

The Sharps rifles, like the Colts, are also a numerous and varied breed and a full and complete discussion of them is a job for a specialist. These rifles began to appear about 1849 and continued on through the early 1880's. They were all single-shot and at first were loaded with a cartridge looking something like a small paper wrapped cylinder. This paper cartridge was fired by the hammer falling upon a peculiar type of primer or cap. These early Sharps could also be loaded with loose powder and ball should the supply of the finest ammunition run out. They were said to have had a bad habit of spitting flame and burning powder through the small space between the breech end of the barrel and the sort of sliding block which "closed" the action. This was so with the paper cartridges because the "sliding block" had a sharp edge to shear off the powder end of the paper cartridge so as to expose the powder to the flame of the primer. Naturally the same flame-spurting could occur when loose powder was used. When metallic ammunition came along, with changes in the ignition system, this bad feature was done away with. The Company was first known as Sharps Rifle Mfg. Co., later as C. Sharps and Company, and later still as Sharps and Hopkins.

Winchester 1873 carbine and rifle appeared in 1873 and was officially dropped in 1924. It had been preceded by the Winchester Model 1866 repeating rifle with Kings Improvement (the system by which the tubular magazine was loaded through a part on the right side of this gun). The Model 1873 was seen in calibers 44, 38, 32 and .25 Winchester Center Fire and was the first gun to really begin the world famous phrase "It's a Winchester"! It is also the model occasionally found marked "one of one thousand" indicating that such pieces were of exceptional quality and worth as to accuracy.

Winchester 1876, the Centennial Model, came next largely because people wanted a rifle to handle the more powerful series of cartridges like the 45/70, etc. The 73 action was too short for these longer cartridges. The 76 model was discontinued in or about 1896 and is said to have been much used by the old Royal Canadian Mounted Police.

The Winchester 1879 or Hotchkiss, at first a military piece and later a sporter, was a bolt action repeater with a tubular magazine in the butt stock. It was originally designed in France and as time passed was much modified and changed.

Winchester Single Shot Rifles designed by John Browning were of heavy and light actions—chiefly barreled for rimmed cartridges. They were made all the way from 22 Short Rimfire to 50 caliber, and even for the 30/06 rimless. Winchester 1886: This was the first really strong and rugged lever action. It was made in many popular calibers of the day but was dropped in 1935. Today we see roughly the same gun but still more strongly made in the Model 71. The last price of the 86 model was $53.75.

Winchester 1890: This may have been the first of the ever popular pump or slide action 22 caliber rifles. It was Browning designed and the last price was $22.80 in 1936. The Model 06 succeeded it to be in turn followed by the current Model 62.

Winchester 1892: This model was a descendant in purpose at least, of the 1873 for it too was designed for short cartridges of the 44 W.C.F. breed (44/40). It was obsoleted about 1936 but long prior to that had been succeeded by the 1894.

Model 1894: This has been, for the last 60 odd years, and continues to be the most popular gun Winchester ever made. There were rifles and carbines in several calibers and it has become "The Deer Rifle." This popularity prevailed chiefly because it was made in the beginning for the .30 Winchester Center Fire Cartridge known now as the 30/30, the first commercially available smokeless powder cartridge. Today the 94 is made only as a carbine in caliber 30/30 and 32 Winchester Special. Last price of the rifle was $43.75 in 1936. It is still a very popular "deer gun" though we per-

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sonally think undeservedly so in this day and age when we have so many more really adequate and humane cartridges for deer hunting.

Winchester 1895: This was an extremely strong lever action gun for really high velocity cartridges. It is the only lever action arm ever commercially made in caliber 30/06. Amongst its many calibers was 7.62 m/m Russian made for the Czars about the time of World War I. Some of these rifles in military style returned home as "loot" taken from the Nazis during the last "official," "declared" war. Last price of the 1895 was in 1936, $34.60.

Winchester Lee-Navy. This rifle came out in 1895. It was a straight pull bolt action in a very novel caliber for the day 6 m/m or .236 inch. The cartridge, because of the lack of suitable powders, was years ahead of its time. Its semi rimmed case is the antecedent of that of the 220 Swift. Modified versions of the 6 m/m, called today .243 (for their groove diameter) are just about the most interesting "wild cats" being experimented with at present.

Winchester 1903: This, one of the very earliest semi-automatic rifles, was designed by John Browning. It handled the special type 22 Winchester Automatic Cartridge. Discontinued in 1934, it is seen today in the Model 63. It was last priced at $29.90.

Winchester Thumb Trigger Rifle. This was an odd little weapon also designed by John Browning. It was a single shot bolt action rifle in cal 22 Rim fire. In place of a trigger it had a sort of button behind the bolt which was simply pressed down to fire the gun. It was preceded in type by a similar piece in 1900. It was offered first in 1904, was never popular in this country, and was dropped in 1923.

Winchester Self Loading Rifles. The basic Model 1905 was introduced in that year in calibers 35 and 32 Winchester Self-Loading. Later, calibers 351 W.S.L. was brought out in Model 07 and in Model 10 in caliber 401 W.S.L. The last named Model sold for $70.30 in 1936 and about then it was discontinued.

Winchester 53: Introduced in 1924 it was a somewhat improved 1892 for short cartridges. It was dropped in 1933 when it was priced at $38.35.

Winchester 55: This was an "improved" 1894 for the long cartridges offered first in 1924, it passed out in 1934 and was last tagged at $41.75.

Winchester 54; This is rather a noteworthy rifle as it is one of the very first commercially made bolt actions for the really steamed up cartridges which came into prominence along with the 30/06 among the sporting citizens after World War I. The .22 Hornet, 220 Swift and .270 Winchester calibers first became popular in this model. Several other calibers were put out during its life time, which was officially from 1925 to 1936. Its last price was $59.75 and it has been superseded by the Model 70.

Winchester Model 64: Introduced in 1933 and still available. This is an improvement over the Models 94 and 55 particularly in the matter of the newer better steels put into it. It was offered first in the long calibers of the 30/30 type with 20 or 24 inch barrels and in 1937 with a 26 inch barrel in the new cartridge—219 Zipper. Today the Model 64 is available only with a 24 inch barrel and in calibers 30/30 and 32 Winchester Special.

Remington Rifles, since that day long ago in 1816 when young Eliphalet Remington, of Ilion, New York, made his own rifle because he really could not afford to buy one, have since become as numerous as the sands of the desert. It is impractical in an article of this scope to go into close detail about the early models, suffice it to note that there were many variations, that many were flint lock conversions and that many were made in whole or in part in cooperation with the Government arsenals at Harper's Ferry and Springfield.

One of the earliest, really important Remingtons was the improved model of 1866, a falling block action of which many variations were made chiefly as military weapons for foreign, as well as United States, use. Another Remington, the Creedmoor, introduced in 1873 and discontinued in 1890 achieved great fame as a target rifle and was seen in calibers 44/90, 44/100, and 44/105. The Remington-Keene rifle was introduced in 1880 and dropped in 1883. This was usually a sporting rifle and was a bolt action with tubular magazine. Because of a very weak locking mechanism this model did not last when smokeless powder, so much stronger than black, came on the scene.

The Remington Hepburn Rifle #3 was brought in about 1880 and discontinued about 1907. It, too, had many variations and is today sometimes seen rebarreled in 22 Hornet or a similar cartridge and used as a woodchuck rifle.

The #5 Special High Power Rifle by Remington appears to be one of the last single shot rifles for truly high powered cartridges offered to the sporting public. Introduced in 1902 and discontinued in 1918 it followed the Remington-Rider rolling block design and likely was meant as a sportsman's version of the revamped military Model 1897. The latter seemingly was about the last good single shot rifle offered seriously as a military weapon (except for one or two anti-tank rifles).

The Remington Lee—This rifle and its variations cover the period from about 1880 to 1913. It was a bolt action repeating rifle fed from a detachable clip type magazine. It was of very good design and workmanship and still rates very well in principle, though, of course, it does not measure quite up to the Mauser action and its descendants.

Remington Model 8. Here we have one of the very earliest successful and commercially available semi-automatic rifles. The design was by Browning and the calibers were 25, 30, 32 and 35 Remington. It came out in 1906 and was succeeded by an improved version, the Model 81, which itself was discontinued in 1951. In this model the cal 300 Savage was offered and in its later years the 25, 30 and 32 calibers were dropped. The last price for the 81 was $142.95 in 1950. The Model 8 was last priced at $60.00 in 1936.

Remington 12: In 1909 this slide action 22 rimfire rifle was presented in its basic form. About 1936 it was superseded by the Model 121 which is current today. The last price on the Model 12 standard is $21.40.

Remington Model 14: This heavier caliber pump action rifle was the design of J. D. Peterson and appeared first in 1912. It was made up in cals 25, 30, 32 and 35 Remington. A carbine type Model 14½ was put out in 1912 also for the short calibers such as 44/40. Model 141 succeeded the 14 in 1935, and was itself succeeded by the Model 760, current today, in 1951. The Model 760 is similar to the Model 141 only in that both are pump action rifles. Their design is vastly different. The Model 141 was last priced at $115.45, and the 14 at about $45.00.

Remington Model 25. After a fashion this gun bridges a gap between the Models 12 and 14 as it was chambered for the 25/20 and 32/20 cartridges. Introduced in 1923, it was dropped in 1936, the last price being $32.95.

Model 24 Remington: This is another gun of John Browning's de-

ign and appears to have been the irst semi-automatic rifle to successully use ordinary 22 short or long ifle cartridges (not interchangeible). It was also made in cal 22 Remington Auto., a cartridge simiar to but not identical to the 22 Winchester Auto. The Model 24 was rought out in 1922, and was suceeded, about 1935, by the Model 241 which was later discontinued n 1951. The Model 241 was priced ast at $63.50.

Remington Models 30 and 30S. These very fine bolt action rifles were the result of Remington having made "Enfield" rifles for the British in the early days of the first World War. The 30 series were made in many calibers including 257 and 30/06. One of the best features was its easily manipulated safety on the right rear side of the action. This model was succeeded about 1940 by the Model 720. It was last quoted at $60.49. The succeeding Model 720 was truly an excellent rifle. One of the best ever, it was very expensive to make and had to give way eventually to the Model 721-22. The last price of the 720 was $106.00 in 1947.

The Savage guns appear in the American sporting scene considerably later than the Remington and Winchester. The Model 99 brought out in 1899 is the widest known rifle of this brand and continues on today, little changed from its original design. Many different calibers, grades and types were made through the years. Today it is put out in calibers 250/3000 and 300 Savage only.

The Model 1920 High Power Bolt Action rifle was brought out by Savage in 1920 and withdrawn in 1928 due largely to high manufacturing cost. It has the distinction of being the only small "Mauser" type action ever commercially made in the United States. The 250/3000 and 300 Savage were its chamberings and it is still in demand today for rebarreling to varmint, usually wildcat, calibers.

Savage Models 23A, B, C and D. Model 23A came out in 1923 chambered for the 22 long rifle and was followed in line by B, C, and D in 25/20, 32/20 and 22 Hornet, respectively. It was dropped in 1947. The last price being $57.95.

Models 40 and 45 were bolt action rifles in calibers 250/3000, 300 Savage and 30/06. A somewhat unique feature was the removable box magazine. Brought out in 1928 and discontinued in 1943 when the last price was $60.25 for the Model 40. The single shot Model 219 break-open rifles (shotgun style) were brought out in 1938 and taken off the production line in 1946. A variation was one model which came with both a rifle and/or a shotgun barrel fitted to go on the same action. Rifle calibers were 25/20, 32/20, 30/30 and 22 Hornet. The shotgun gauges were the usual standards. The last price for the M/219 rifle was $28.80.

The Stevens guns of yesterday excite, it seems, more sentimental interest today than any other make. This is likely so because Stevens made so many of what we might call "Little 22's." Vast numbers of country and small town boys of long ago had a "Stevens .22." The Little Scout and Favorite models were extremely popular and many of us can recall today that we began our shooting careers with one of these. Among the author's guns is a much loved Favorite single shot in caliber 32 rim fire, a very good squirrel rifle.

The Walnut Hill series was well thought of, too. Single shots, they were made chiefly in rimfire calibers and some low-pressure center fires. The #44½ action is occasionally seen today rebarreled to Hornet. This type of rifle was discontinued about 1947 and was last priced at about $96.00.

The Ballard rifles are somewhat in the same class as the Stevens except that they were usually found more among the well heeled citizens since they were very fine rifles. The Marlin people made most of the Ballards but there were others who either owned, or used the basic patents, strangely enough. The big series of Ballards began in the early 1860's and continued on into the 90's. There were sporters and target guns and today a perfect Ballard still commands a fancy price.

The more important and popular Marlin rifles have not changed greatly since their early days. The Model 1889 is the first of these side ejection rifles in heavy caliber. The Model 1893 succeeded it and passed out in 1934 priced at $28.40. The Model 36 in 1936 came next to be itself succeeded in 1947 by the current 336 Series, now with a stronger, simpler, round bolt action in place of the older square bolt. These side ejectors are a great boon to the person who is a left-handed shooter and who wants a lever action rifle with a scope on it. The Model 1892 was the same type of rifle in rim fire calibers. Today we see it as the 39A, with variations, chambered for the 22 rim fires only.

It becomes more apparent as the years go by that Charles Newton was one of the more important personages of the American gun world. He had great brilliance as an inventor and designer, but was very short in the know-how of general business practice. This shortcoming ultimately cost him his career. If alive today, with proper business guidance and having available the much more advanced gun powders, there is really no guessing as to what interesting guns and cartridges he might have brought forward.

SHOTGUNS

In the field of shotguns there were two notable happenings after the close of World War II. The first was a great slackening off of interest in double barreled, side-by-side guns on the part of the general public. The second was the almost complete disappearance from the market of good to high grade doubles from such old firms as Parker, Ithaca, and Fox. How much each one of these two trends affected one another is hard to estimate but today there is an apparent revival of interest in the side-by-sides and in their close relatives—the over and unders. However, guns of these types made by American manufacturers with any pretensions to real class and finish, simply do not exist, with one exception and that comes at a price much too high for the average man. In the United States, the manufacturing costs of these two varieties of shotguns, with any sort of quality in them, are simply too high to make it sensible to put them on the market. Pump action and automatic shotguns are far cheaper *to make really well.* The fact that they offer up to five shots without reloading is also of great importance to sportsmen of today. With a choke controlling device installed they become truly "all around" shotguns. Nevertheless, there are still many men who like, or would like to have a good double or over-and-under, and the Stoeger Arms Corporation has an excellent and varied line of these to offer all the way from the lovely, slim-tubed 410 ga., to the big, robust 10 ga. magnums. We will now list some of the more important American scatterguns, the manufacture of which has been discontinued.

Parker: This was *the* American Double, the classic, the standard by which all others were judged. Taken over by Remington, these guns were discontinued during the last war, and the last prices in 1945 are as follows: The Trojan, $72.50

Guns of the Past

(1939); V.H.E. $140.25, G.H.E. $160.43, D.H.E. $196.76, C.H.E. $292.61, B.H.E. $393.51, A.H.E. $534.77, A.A.H.E. $756.75, and the A-1 Special $898.01. There were of course custom made guns at extra prices. Skeet guns were made in all grades except Trojan.

The L. C. Smith line was taken over by Marlin in 1945 and this firm discontinued them in 1952. We shall first list the Smith with auto ejectors in 1943. Field Grade $80.70, Skeet Special $126.50, Ideal $102.20, Specialty $149.60, Olympic $119.35 (1939), Crown Grade $315.50, Monogram $639.65, and Premier Grade $832.00 (1939). Single barrel trap guns in grades from Olympic at $100.00 to De Luxe at $1,190.25 were also offered. In 1951 when Smith guns went off the market this was the line up: Field $98.95, Ideal $137.15, Crown $514.45, Specialty $229.50, Premier Grade Skeet $250.45, and Olympic Single Barrel Trap $158.30. The average price for fitting any grade with automatic ejectors, if such were not standard equipment, was $26.50.

Fox: The original Ansley H. Fox guns were taken over by the Savage Arms Co. in 1930 and from then on were made at Utica, New York, and now at Chicopee Falls, Mass. Today only one low priced gun, the Model B, is made by Savage under the name of Fox. In 1945, Fox guns were graded and priced as follows, with Automatic ejectors: Sterlingworth $84.75, Sterlingworth DeLuxe $89.00, Sterlingworth Skeet and Upland $81.85, S.P.E. $105.95, A.G. $105.95 (1943 Model B $34.50. Today the B is $75.50.)

Ithaca: Since World War II no Ithaca Double Guns have been made because of their high production costs, and only a few single barrel trap guns, mostly special order. These are the numbers 4, 5 and 7 ejectors and the $2000.00 grade. In 1944, the last year Ithaca doubles with automatic ejectors were offered, found them priced as follows: Field $77.25, #2 $92.00, #4 Ejector double $146.12. The Western Long Range Special, also an Ithaca gun, was then priced at $27.25. It too is gone. Likewise the LeFevers in their last years made by Ithaca, have passed away. In 1939 these grades were available: Nitro Special at $30.85, Grade A with Automatic ejectors $48.15, 6A Grade Skeet Model $64.65, Single Barrel Trap #3 $37.80, and the Long Range Single #2 $17.20.

The firm of Iver Johnson once made some excellent double and single barrel shotguns. Today they make only a low priced but very good single, The Champion. In 1945 the line was about like this. The Skeet-er double with Auto ejector $66.40, Special Single Trap $20.50, Hercules double with Auto ejectors $45.55, Super Double trap $54.35, Champion Single Barrel $12.05 (now priced at $23.50).

The Harrington and Richardson Company made an interesting line of single barrel shotguns up to the time of the Second World War. As well as the so-called standard gauges of today this firm made 24 ga. and 32 ga. guns. Most all of their guns had automatic ejectors, came in light or heavy weights and could be had with barrels up to 36 inches. As of 1943 we find "H & R" guns graded and priced as follows: Folding Single barrel $14.40, Heavy Breech Single #6 $11.00, Hammerless Single #3 $14.50, Standard Light Weight #5 $14.50.

Winchester never has gone in for shotguns to the extent that they have for rifles. Nevertheless most of these they have offered (with one exception) have been very good in their times and the Model 12 is still the one by which to judge other pumps in what might be called the standard weights. Among the discontinued models we find: 1887, a lever action in 12 and 10 gauges some of which were made with Damascus steel barrels and chambered for the old 2⅝" 12 ga. shells. Model 1901 was in 10 ga. only. An auto loader Model 10 was last priced at $61.50 in 1924.

Remington, also primarily a rifle concern, has not made very many models of shotguns, but all have been good, particularly the Model 31, which many think was superior to the Model 12 Winchester. Following is a list of discontinued Remington smooth bores: The Model 1900, a double, was discontinued about 1910 and priced then at $30.50. The Model 31 was replaced in 1951 by the still current 870. The Model 31 was made in standard weights and also as a light weight with a dural-type receiver. It was last priced at $84.95. The Model 32 was an over-and-under and held by many to be the best, if not the nicest looking, ever made anywhere. It was the first of this type made commercially in the United States and had its barrels fastened together only at the breech and muzzle ends, there being no connecting rib. This method of fastening the barrels prevents, to a very large extent, the ill effects of uneven metal expansion that the fired barrel has upon the unfired barrel. This ill effect is really trivial, and it should also be realized that fastening barrels at their two ends is a cheaper albeit sound method. The standard Model 32 was last priced in 1948 at about $211.70. It had an automatic ejector and could be furnished with either double or single triggers. The well-known Modell 11 with variations was brought out in 1911 and discontinued about 1948. The last price was $94.00 and followed the basic Browning designs.

During the last war the Savage Arms Company discontinued the Model 220 and 220P (with Polychoke) which are hammerless single barrel shotguns. However, in the fall of 1953 the Model 220 came back, for which we were all thankful, as it is an excellent little gun and hammerless—a feature one does not find in other brands of this type today. The interchangeable rifle barrels for this gun (as noted in the rifle section of this article) have not come back as yet. Years ago there was available for the take-down Model 99 Savage rifle an auxiliary 410 ga. barrel chambered for the 2½ inch shell. Shortly after World War II the Savage over-and-unders, Models 420 and 430, dropped from the offering and they were last priced at $35.00 and $40.00, respectively.

In 1950 the Model 720 Autoloader was replaced with the #755 and #775 (light-weight) Streamlined Automatics. The Model 720 was last quoted at $92.75.

Marlin, always known chiefly as a rifle house, has and continues to make shotguns. It is said that a few lever action shotguns were made but it is difficult to trace these back. I have seen one Model 36 lever action in 410 for the 2½" case. It must be quite rare as many of the Marlin people did not know that they had ever made one. About 1940 the Model 90 which we see today was made as an over-and-under combination gun. It was usually a 410 shot barrel with either a 22 long rifle, 22 Hornet, or 218 Bee barrel fastened to it along its full length. There were also a few 20 ga. and 30/30 combinations made up in this model. These double purpose guns are very rare today. They were last priced at about $40.00.

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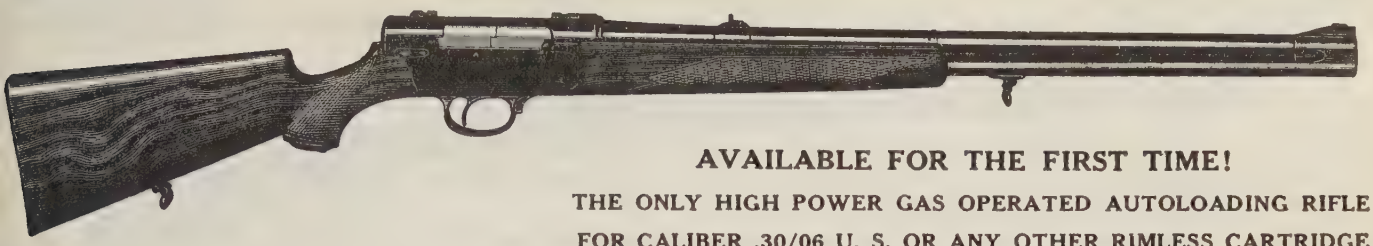
KRIEGHOFF HIGH POWERED AUTOLOADING RIFLE



AVAILABLE FOR THE FIRST TIME!

THE ONLY HIGH POWER GAS OPERATED AUTOLOADING RIFLE FOR CALIBER .30/06 U. S. OR ANY OTHER RIMLESS CARTRIDGE

This new, high-powered gas operated semi-automatic rifle, which shoots any high power rimless cartridge is the very first of this type commercially available anywhere in the world. It is, moreover, held shorter and handier than any other repeating rifle and far lighter than a double rifle. The advantages of the Krieghoff Automatic in comparison with any bolt action rifle are . . . .

1. Short action; consequently handier, more pleasing form and better balance.
2. Lighter; the rifle weighs only about 7 lbs.
3. Noiseless automatic loading for no movement of the hands for the second shot, thus eliminating interruption of aiming when shooting at hunted game.
4. Far faster sequence of the second, third, fourth and fifth shots.
5. Pleasant and comfortable shooting with but slight recoil because the power of the gases are utilized for cocking and loading. Consequently only a small part is transmitted into shoulder recoil.

As compared to a double barrel rifle:

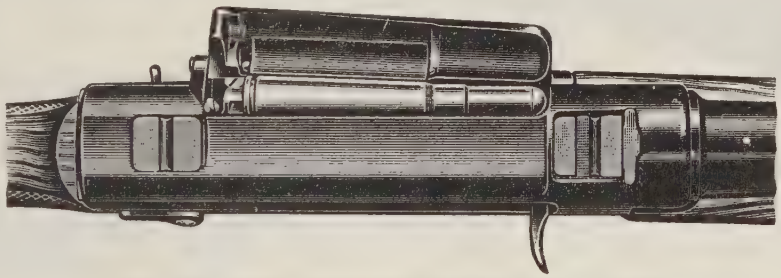
1. Much lighter.
2. Rapid possibility of a third shot.
3. Greater accuracy at all distances because cross fire, as in double rifles, not possible.
4. Doubling; that is, simultaneous firing of two shots is impossible.
5. Greater magazine capacity, (4 to 5 shots).
6. Pleasant shooting, (slight recoil).

The Krieghoff automatic is the fulfillment of an ancient hunter's dream and the solution of a problem with which arms designers of all countries labored for decades. Every lover of guns will be impressed with the handy, pleasing contour, the light weight and the pleasant shooting. Every arms expert will recognize the strong lock, the short action, the reliable function, the easy loading and the excellent accuracy. Anyone who has an opportunity to use this gun will experience a new shooting thrill.

Viewed externally, the Krieghoff Automatic gives the impression of a 'racy' Over and Under shotgun inasmuch as under the rifle barrel lies a second tube in which the action rod is located. This rod is activated by the powder gases which are forced into the tube by means of a small opening in the barrel just before the muzzle and in this manner the breech is opened, the hammer cocked, and the empty cartridge ejected. A recoil spring then brings the rod back in position and simultaneously places the next cartridge in the chamber and locks the breech.

For the first shot the cocking and loading operation is done by hand by means of pushing back the knob on the side of the breech and releasing same, permitting it to slide forward and load the first cartridge.

The action is a block lock, in principle similar to that of most target rifles. A steel block is pushed up from beneath behind the barrel and cartridge chamber and bolts the barrel so well that even cartridges of the very heaviest type may be used. The breech is so constructed that the cartridge cannot be fired until the breech is perfectly closed and bolted. The action itself is closed on all sides so that it is impossible for dirt and other foreign bodies to get in. After ejection of last cartridge the breech remains open.



TOP VIEW WITH MAGAZINE OPENED FOR LOADING

The lock is built so short that the distance from the base of the cartridge to the trigger is only 3″. (Compare this with the distance in other repeating rifles.) On the side next to the lock lies the cartridge magazine which holds three or four cartridges. If desired the rifle may be delivered with set trigger. The action may be removed without tools and the entire action mechanism may be taken apart likewise without tools.

The safety lies forward in the trigger guard and effectively bolts the lock and trigger.

The stock is so connected with barrel and action that it is practically impossible to break. A steel rod runs through the stock and is fastened under the butt plate. The rifle is regularly supplied with pistol grip and cheek piece, but on special order may be had to any required stock specifications.

Whereas in the ordinary blow-back actions the velocity and therewith the energy of the bullet is reduced, in a gas operated gun such as this in which the gases are utilized after the bullet has left the barrel, exactly the same ballistical results are attained as in a gun with fixed breech.

Price $500.00

This page reproduced from Stoeger Catalog Edition No. 32, 1940.

The Original Mauser Magazine Sporting Rifle

Made by Mauser at Oberndorff-on-Neckar, Germany

Possesses the well-known genuine Mauser repeating action, clip-loading system, specially adapted to sporting purposes.

It is furnished with all the latest up-to-date Mauser improvements, such as the automatic cocking arrangement, and flange on the bolt plug to guard the shooter's face against any escaping powder gases in the event of a defective cartridge case.

Since in the genuine Mauser rifle there is no detachable bolthead, the locking lugs are consequently solid with the bolt. It is, therefore, impossible to fire the rifle with the bolthead missing, and equally so unless the lugs are properly seated in their respective recesses. The same degree of safety is hardly possible in other systems, where the bolthead carrying lugs is detachable.

Weight. The genuine Mauser sporting rifle weighs about 7½ lbs. (the models for the special cartridges 6.5 m/m short and 8 m/m short only weigh about 6½ lbs.) is a sporting weapon of considerable ballistic properties, as may be judged from the particulars of firing tests of which details are given further on.

The Magazine, holding five cartridges, is situated beneath the action; it is filled from above by means of the original Mauser charger, and receives the cartridges in zigzag order. At the bottom the magazine is closed by a plate which is flush with the stock, and prevents the admission of moisture, impurities, and other foreign matter. The loading or insertion of single cartridges can easily be effected by hand, either with or without the charger. Single cartridges have only to be placed on the platform and pressed into the magazine. The magazine may thus be replenished to its full capacity at any time and at a minimum expenditure of time and trouble.

NO. 600—FOR 1906/30 U. S. GOVERNMENT CARTRIDGE WITH SINGLE OR HAIR TRIGGER

Fine walnut stock with cheek piece, 24-inch round barrel, rubber butt plate, checkered pistol grip, sling swivels, silver bead front sight with sight protector, 300-yard leaf rear sight, or graduated rear sight to 1000 yards. Weight about 7½ pounds. ..... **Price $70.00**

No. 601. Same as above, in 7 m/m calibre ..... **Price $55.00**

No. 602. Same as above, in 8 m/m calibre. ..... **Price $55.00**

NO. 610—FOR 1906/30 U. S. GOVERNMENT CARTRIDGE

High grade selected Circassian Walnut stock with cheek piece, 24-inch octagon barrel, raised matted rib, fish-skin checkered pistol grip and forearm, sling swivels, silver bead front sight with sight protector, rear sight graduated up to 1000 yards. Particular care has been taken to give the Sportsman a rifle which, for workmanship and finish, cannot be excelled. Both the 1906 Service and Sporting cartridges can be used in this rifle. Weigh about 7½ lbs. ..... **Price $80.00**

This Rifle can also be ordered in calibres 6.5 m/m, 9 m/m, 10.5 m/m.

ALL MAUSER RIFLES with factory mounted 4 x Telescope of any style ..... $75.00 additional
ALL MAUSER RIFLES with factory mounted 6 x Telescope of any style ..... $82.50 additional

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

GENUINE MAUSER MAGAZINE SPORTING RIFLES

CHAMBERED FOR 1906/30 U. S. GOVERNMENT CARTRIDGE

No. 615. Mannlicher Type. Finest walnut stock to end of muzzle, with cheek piece, 20-inch round barrel, flat bolt, fish-skin pistol grip, sling swivels, silver bead, steel butt plate with cleaning kit in butt. Front sight and sight protector; 300 yards leaf sight; hair trigger. Weight about 7 lbs. Both the 1906/30 U. S. Government Service or Sporting cartridges can be used in this rifle.
Price **$85.00**

SPECIAL MAUSER RANGE RIFLE

CHAMBERED FOR THE 1906/30 U. S. GOVERNMENT SERVICE OR SPORTING AMMUNITION

No. 620. Full Walnut stock to end of muzzle, with cheek piece, all around barrel except upper 9½ inches from muzzle; steel butt plate with cleaning kit in butt, round bolt-sling swivels, black horn cap on stock under muzzle; 1000-yard adjustable sights with wind adjustment; special pistol grip. The longer barrel gives it greater power and range. Weight 8¼ lbs. ..... Price **$115.00**

No. 621. Same as above with collapsible peepsight. ..... Price **120.00**

GENUINE MAUSER MAGAZINE SPORTING RIFLE, ENGLISH TYPE

No. 625. For 250/3000 Savage, 30-06 Govt., with Single or Hair Trigger, 22-inch round barrel, four leaves rear sight, 100, 200, 300 and 400 yards, silver bead front sight with protector high grade selected Circassian Walnut stock with or without cheek piece, rubber butt plate, fine checkered pistol grip, with horn cap. Weight 6¾ lbs. ..... Price **$120.00**

No. 626. For 9.3 x 62 MAUSER or .375 MAGNUM. Identically the same as above, except that the barrel is 24 inches long. Weight 7½ to 8½ lbs. This rifle is especially recommended for grizzly, Alaskan brown bear, Asiatic and African soft skinned animals.
Price **$125.00**

No. 627. Same as above for 10.75 MAUSER or 404 MAGNUM. Weight 7¾ to 8½ lbs. Ideally suited for bagging large and dangerous game, including African rhino, elephant and Alaskan brown bear. ..... Price **$125.00**

ALL MAUSER RIFLES with factory mounted 4 x Telescope of any style ..... $75.00 additional
ALL MAUSER RIFLES with factory mounted 6 x Telescope of any style ..... $82.50 additional

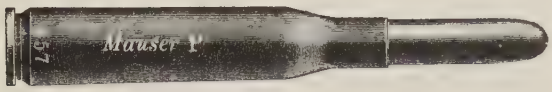
This page reproduced from Stoeger Catalog Edition No. 1, 1925.

DWM

IMPORTED CARTRIDGES WITHOUT RIM FOR MAUSER RIFLES

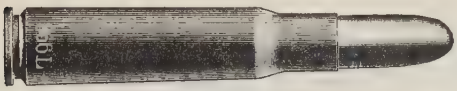
All Prices Per 1000

Mauser 6.5 m/m short, smokeless, S. P. or F. M. J. **$ 95.00**



Mauser 6.5 m/m P. smokeless, S. P. or F. M. J. ..... **$ 95.00**

Mauser 7 m/m Smokeless, S. P. or F. J. J. ..... **$ 95.00**

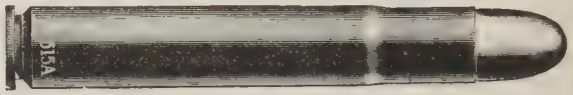


Mauser 8 m/m short, smokeless, S. P. or F. M. J. **$ 95.00**

Mauser 8 m/m long, smokeless, S. P. or F. M. J. ..... **$ 95.00**

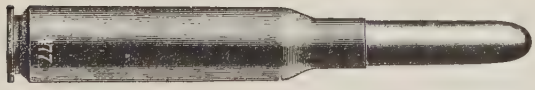
Mauser 9 m/m smokeless, S. P. or F. M. J. **$104.50**

Mauser 9.3 m-m x 62 Smokeless, S. P. or F. M. J. **$115.00**

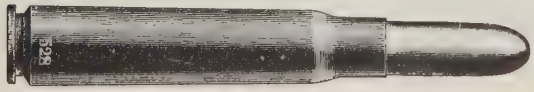


Mauser 10.75 m/m x 68, Smokeless, S. P., F. M. J. or Hollow Point **$120.00**

IMPORTED CARTRIDGES WITHOUT RIM FOR MANNLICHER-SHOENAUER RIFLES



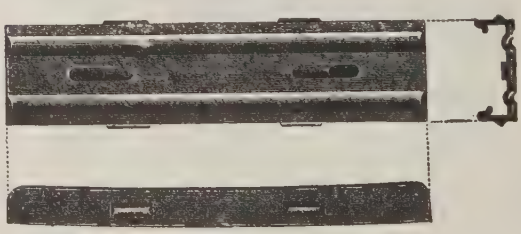
Mannlicher-Schoenauer, 6.7 m/m Smokeless, S. P. or F. M. J. ..... **$ 95.00**



Mannlicher-Schoenauer 8.2 m/m Smokeless, S. P. or F. M. J. ..... **$ 95.00**

Mannlicher Shoenauer, 9 m/m Smokeless, S. P. or F. M. J. **$104.50**

Mannlicher-Shoenauer, 9.5 m/m Smokeless, S. P. or F. M. J. **$110.00**



Clip for Rimless Cartridges ..... **10c each**

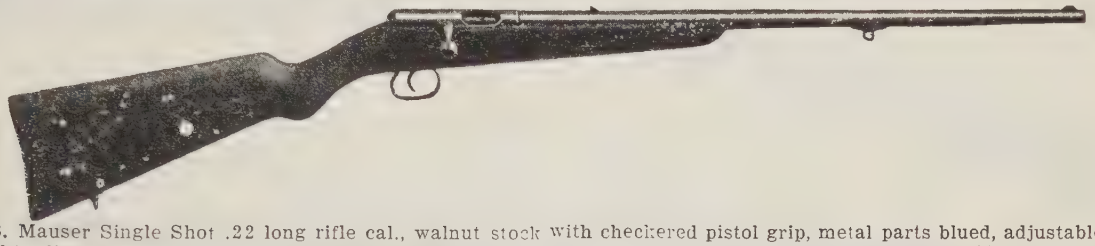
This page reproduced from Stoeger Catalog Edition No. 1, 1925.

ORIGINAL MAUSER, Calibre .22 (long rifle)

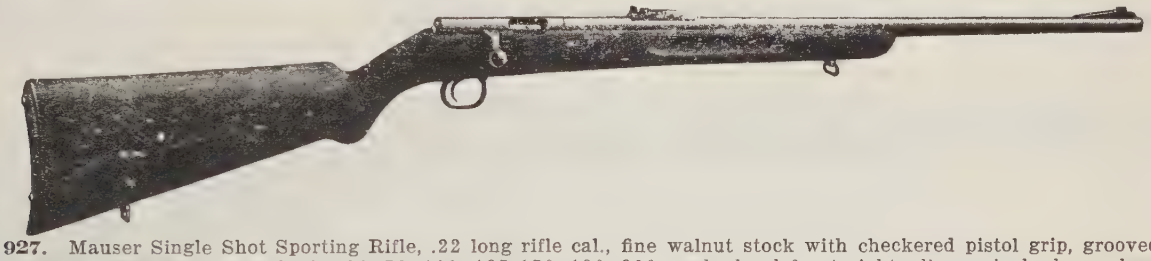
PRECISION TARGET RIFLE

To comply with the steadily increasing demand for a "genuine Mauser" small calibre Rifle, The Mauser Arms Works now offers this type of Sporting Arm, which is constructed with the same care and precision as all other genuine Mauser arms. The small calibre Mauser Rifles are made in different models as hereafter enumerated in order to comply with the demand for either hunting or outdoor as well as indoor target shooting.

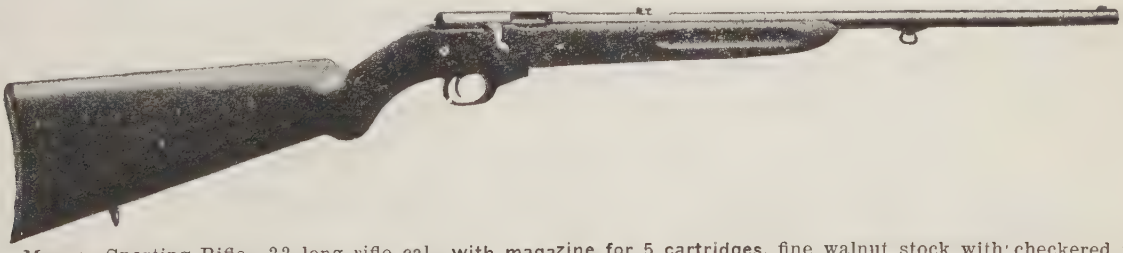
No. 925. Mauser Single shot .22 long rifle cal., birch stock, with pistol grip, round barrel 19¾ inches long, metal parts blued, length of gun 36¾ inches, weight about 4 lbs. ..... **Price $17.75**



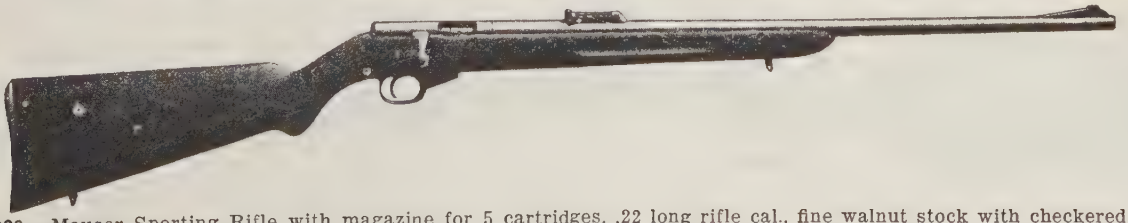
No. 926. Mauser Single Shot .22 long rifle cal., walnut stock with checkered pistol grip, metal parts blued, adjustable rear sight, bead front sight, sling swivels, length of the barrel 23⅝ inches, length over all 36¾ inches, weight about 4¼ lbs. ..**Price $29.75**



No. 927. Mauser Single Shot Sporting Rifle, .22 long rifle cal., fine walnut stock with checkered pistol grip, grooved fore-end, metal parts blued, adjustable rear sight for 30, 50, 100, 125 150, 180, 200 yards, bead front sight, sling swivels, heavy barrel, length of barrel 25½ inches, length overall 43¾ inches; action with safety; weight 6½ to 6¾ lbs. ..... **Price $35.50**



No. 928. Mauser Sporting Rifle, .22 long rifle cal., with magazine for 5 cartridges, fine walnut stock with checkered pistol grip, grooved fore-end, metal parts blued, adjustable rear sight for 30, 50, 100, 125, 150, 180, 200 yards, bead front sight, sling swivels, heavy barrel, length of the barrel 25½ inches, length overall 43¾ inches, action with safety, weight 6½ to 6¾ pounds. ..... **Price $39.25**



No. 929. Mauser Sporting Rifle with magazine for 5 cartridges, .22 long rifle cal., fine walnut stock with checkered pistol grip, grooved fore-end, metal parts blued, adjustable rear sight, bead front sight, sling swivels, length of the barrel 23⅝ inches, length over all 40¾ inches; weight about 4¾ pounds. ..... **Price $47.50**

Any of above mounted with Hensoldt Telescope-Ziel Dialyt, 2¾X..... $57.50 Additional

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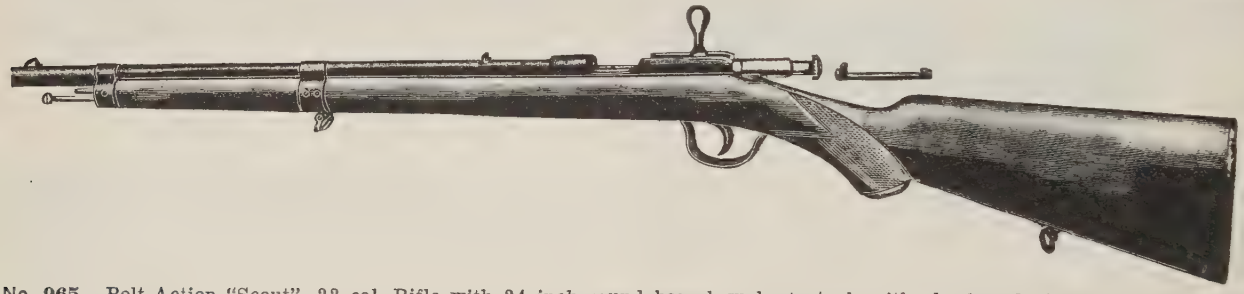
BOLT ACTION SINGLE SHOT TARGET RIFLE

No. 950. Bolt Action Take Down .22 cal. Rifle with 20½ inch round barrel, stock with pistol grip, chambered to handle the .22 short, long and long rifle cartridges. ..... Price **$6.35**

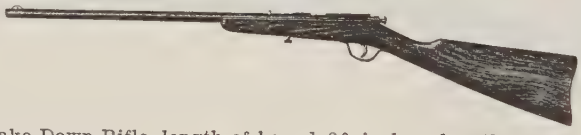
No. 951. Same as above, but heavier with 24 inch barrel..... Price **$7.00**

No. 955. Bolt Action Take Down Precision Rifle, .22 cal., Model de Luxe, with 24 inch barrel, adjustable screw sight, fine walnut stock, with checkered pistol grip, chambered to handle .22 short, long and long rifle and extra long cartridges. Weight about 4½ pounds . . .. Price **$10.00**

No. 956. Same as above, but with 2½ power Telescope. ..... Prices on Application



No. 965. Bolt Action "Scout" .22 cal. Rifle with 24 inch round barrel, walnut stock with checkered pistol grip, long fore-end. Chambered for cartridges .22 short, long, long rifle and extra long..... Price **$13.00**



No. 970. .22 cal. Bolt Action Take Down Rifle, length of barrel 20 inches, length over-all 37½ inches, weight 3 lbs., dark, oil finished stock. Takes 22 long rifle cartridges. ..... Price **$5.00**

No. 975. Warnant System Precision Target Rifle, 27⅝ inch octagon barrel, express boring for .22 long rifle cartridges, matted rib, adjustable rear sight and bead front sight, hair trigger, checkered pistol grip, fine walnut stock. Weight about 7 lbs.
Price **$24.75**

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THE .32 CAL. AUTOMATIC RIFLE

Shoots .32 Caliber Pistol Cartridges

No. 935
Price $40.00

The Rifle is constructed with spring locking, without complicated bolting.

The opening of the locking spring is brought about instantly by the pressure of the powder gases on the breech end of the bore. During the movement for opening or closing, the locking slide moves in a direct line parallel to the axis of the bore.

Its recoil compresses the recoil spring, the counter-pressure of which absorbs the recoil, which is finally stopped by the very strong and massive breech of the locking frame. It is, therefore, impossible for the locking slide to fly out backwards and injure the shooter. The comparatively heavy weight of the locking slide considerably reduces the strain on the recoil spring, and the breech of the locking frame. It has a cylindrical plunger lock.

When the lock is cocked, the shaft of the firing pin stands out from the back of the locking slide, replacing the indicator.

A safety bolt at the right of the frame prevents the discharge of the rifle when loaded and cocked.

If the rifle is put "safe" when **unloaded** and **uncocked,** the locking slide can not be drawn back, so that the uppermost cartridge in the magazine can not rise and slip into the barrel.

The locking frame is fixed to the forepart of the rifle frame with a hinge, and tips forward when the lock is uncocked, by pressing aside the bolt on the left side of the frame to the right with the thumb. These two fittings facilitate the dismounting of the weapon for cleaning, no tool being necessary.

The interchangeable magazine holds six cartridges. The Rifle is handy, with a weight of 5 lbs., a length of the barrel 18 7-8 inches, a length over all 37 1-2 inches, and its balance is excellent. The stock is of selected walnut, and provided with pistol grip, and horn heel plate.

The construction is simple, and the thorough finish of the parts which carry the greatest strain, together with the careful machine work, guarantees reliable working of the mechanism, and great durability of the rifle.

It is a very accurate weapon, and its power of penetration is great.

THE SIMULTANEOUS OPERATION OF THE LOCKING AND LOCK PARTS AT FIRING

The recoil starts at the moment of firing; the pressure of the powder-gasses drives the projectile forward, and the locking slide is opened the moment the charge leaves the barrel.

The recoil spring is compressed by the recoil of the locking slide; and the empty shell, whose bottom rim was gripped by the extractor at loading, is turned against the ejector, and thrown out at the top.

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When the locking slide has got as far back as possible it is pressed forward by the compressed recoil spring, the firing pin is held back by the trigger-hook, and the firing pin spring is compressed.

The lock is also cocked, and the upper cartridge is pushed into the barrel at the same moment as the locking slide slips forward.

The rifle is now loaded and cocked; the pulling of the trigger drops the trigger-hook; the firing pin is set free, and is driven by the firing pin spring on the primer of the cartridge, and the shot is fired.

Its recoil sets the mechanism working again.

MANIPULATION OF THE RIFLE

To take out the magazine—To remove the magazine, press the catch at the back and draw it out.

To fill the Magazine.—Take the magazine in the left hand, and with the right press the cartridge in from above, the projectile towards the round part of the magazine.

To insert the Magazine—Push the magazine into the frame from underneath, with the round side to the front, until the catch snaps.

To load and cock the Rifle—When the magazine is inserted, take the stock of the rifle in one hand, and with the thumb and first finger of the other draw the locking slide by its fluted cheeks as far back as possible, then let go.

The shaft of the firing pin which projects from the back of the locking slide shows that the rifle is ready to fire.

To put "safe" and "unsafe"—To put the rifle "safe" twist the safety stud at the right of the frame downwards and backwards. To put it "unsafe" bring the stud to its former position.

To unload—After removing the magazine, draw the locking slide back, as in loading and cocking; by this means the cartridge will be ejected from the barrel.

To dismantle and assemble the rifle.—Before dismantling, take out the magazine, and having made certain that there is no cartridge in the barrel, uncock the lock; press the bolt to the right, tip up the locking frame, and take the locking slide out of it.

The barrel is now ready for cleaning.

In dismantling the lock, raise the extractor until it slips out of the groove in the locking head piece, give the latter a half turn right or left, and draw it out; then take out the firing pin, the locking spring support, and last of all the firing pin spring.

It is not necessary to remove the trigger mechanism, but this is easily done by loosening the pin in the locking frame,

To assemble the rifle, reverse the directions for dismantling.

No. 935. 32 cal. Automatic Rifle ..... **Price $40.00**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

REMODELING MILITARY RIFLES

OR THE SAD LIFE OF A 98 MAUSER—WITH A HAPPY ENDING!

By Pete Kuhlhoff—Gun Editor—Argosy

When it comes to remodeling military bolt-action rifles, the sky is the limit! A job can be done for almost nothing, or for several hundred dollars—it all depends on the tastes and requirements of the individual.

The most desirable army rifles to rebuild are the Mauser Model 98, the Enfield, the Springfield and perhaps the Japanese Arisaka. Others, including some of the Krags (the Norwegian Krag is a dandy) are OK—but many of them are not worth the effort.

Several years ago I hunted with a Model 98 Mauser which had a remodeling (?) job that cost me nothing more than a few minutes with a hand saw. I was almost laughed out of a couple of deer camps—but, how that gun would shoot!

On the other hand I have remodeled military rifles that have more time and money invested in them than I can well afford! These beautiful arms are not only accurate to shoot, but the enjoyment and pleasure of owning and handling fine rifles is well worth the price.

Let's start with the rock bottom in remodeling—which is nothing more than getting rid of a little weight and making the rifle a little more handy to use in the game fields. My "dog fight" rifle, mentioned above, is a good (or maybe I should say bad) example. It was a carbine manufactured in 1944 at the Mauser Works in Oberndorf, Germany, and the rough exterior finish was about as miserable as any that I have seen. This particular rifle had been proof fired at Aberdeen Proving Ground and pronounced sound, or I would not have messed with it at all—as many of the Mausers manufactured late in the war are real booby traps!

First I removed the handguard and all surplus hardware, including the barrel band. Then I sawed off that portion of the forearm beyond the barrel band shoulder. Next I installed a sling swivel about 1½" back of the saw cut and another about 2" from the toe of the buttstock, and strung on a sling strap. I had me an awful looking sporter, without much expense and very little effort. I might add that sportsmen who examined that monstrosity either paled and shuddered or laughed themselves sick!

As I mentioned before, this rifle was quite accurate—extremely so, with reduced loads and hand cast bullets—but it got to the point where I couldn't stand to look at it—so, I decided to dress it up a bit.

Before getting into the actual operations of remodeling I want to mention that all military bolt action rifles are somewhat similar and the efforts applied to my Mauser may be easily adapted to most of them—I will include some slight variations that may be necessary.

First I disassembled the gun onto its major components, then removed the trigger mechanism from the receiver and stripped the bolt. The beginner who is not completely familiar with the assembly of the rifle should take it down a part at a time and place the pieces in the proper order on a large piece of paper (or make sketches showing where the various parts belong) so that he can get the durned thing back together again!

The next step, in case you want to do over a rifle, is to decide on the barrel length. If new sights are wanted, they should be ordered, mentioning the make and kind of rifle, as well as the barrel length. Instructions for mounting are forwarded with the sights.

The original barrel length of my Mauser was 23½", so I didn't have to do any whacking off at the muzzle end. However, many military rifles have a comparatively long barrel, which is awkward for sporting use, and should be cut to 24", which is the ideal length. For this purpose a hacksaw is used. The cut should be made as nearly square with the bore axis as possible. A file may be used to remove the saw marks and to make any corrections necessary to square up the muzzle, and to round off the outside edge of the muzzle. The edge of the bore may be broken with a countersink. To give a good looking circular polish, lay a strip of abrasive on the muzzle and with the ball of the thumb turn it concentric with the bore. Chuck a muzzle-crowning ball in the hand drill, coat it and the muzzle with fine valve grinding compound or with water-mixed grinding compound. Place the ball on the end of the bore and grind it to get a sharp edge. It is important to move the handle of the drill in a circular motion, as the ball spins, so that it will not score. This grinding makes a true edge and assures that the bullet will leave the gun without tipping!

I wanted to install a Lyman 57 SME receiver sight and a ramp front sight on the Mauser, so it was necessary to remove the service sights. These babies were sweated on with soft solder and had to have a small amount of blow torch heat applied before they could be driven off. (On the Springfield the rear barrel sight is pinned horizontally at the front underside of the sleeve, with the ends ground flush. The pin has to be driven out and the sight sleeve driven forward. The front sight is also pinned on.) (On the Enfield the ears of the rear sight must be removed in order to install a new receiver sight [Lyman, Redfield and Vaver all make excellent micrometer receiver sights for most remodeled military rifles]. The radius of the receiver bridge [under the ears] must be ground to that of the receiver ring [portion where the barrel screws in]. If you want to get rid of that pot-bellied shape of the magazine, the guard may be straightened. Carefully measure the distance between the screw holes and write down this measurement so you will not lose it. File off the top of the forward tang of the guard to a uniform thickness. Heat it red and straighten in a vise. Weld up the front screw hole and redrill using your recorded measurement.)

The lathe marks on the barrel of my Mauser were so deep that they had the appearance of threads—so, I smoothed up the surface by draw filing. This is done by holding the file at each end and moving it sideways along the barrel surface with a steady pressure. This takes off fine ribbons of steel and leaves very small flats, which are later polished round.

I removed all tool marks and blemishes from the steel by use of a buffing wheel and various grits of abrasive (nos. 150, 240, 450 and 550) and then finish polished with no. 555. The polishing may be accomplished by hand with various grades of cloth (from ½ to 00) and finished with crocus cloth. The secret of a good looking bluing job lies in a perfect job of polishing!

A nuisance on all military rifles that are to be used as sporters, is the magazine follower which holds the bolt open when the gun is empty. Grind and polish the top of this follower on the rear upper edge to about a 60 degree bevel so that the bolt clears the end and slips over it when being closed. Metal changes, according to your own ideas, give a rifle that much desired custom look. One such change that is well worth the effort is to file the trigger guard slightly narrower and taper it to the rear.

Before the bluing job is started, all stock work should be completed.

There is plenty of wood on most military stocks—but a lot of it is in the wrong place. These stocks may be remodeled to more pleasing and more practical lines. There's even enough wood to carve out a shallow cheekpiece on many of them. However, the butt stock is too short for most shooters and the comb too low and too far back to be of much use—so, with the low price of semi-finished stock blanks, it's much better to buy one and install it yourself!

For my rifle I used a Peerless semi-finished stock of French walnut. It is a beautiful hard, close grain piece of wood that worked very well with sharp chisels.

Although many beginners have an almost uncontrollable desire to finish the outside surface of a stock first—this chore definitely should be left 'til last! Inlet the trigger guard first. Coat all wood contacting surfaces of the piece with a very thin layer (I use a red sable artists brush, but an old tooth brush will do the job) of prussian blue or lampblack mixed with a non drying oil, and press the guard into place. Remove the guard and shave off all stained spots (except at the sides of the mortise where wood should not be removed unless it wedges) with a sharp chisel. Continue spotting and shaving until the metal is sunk flush with the wood surface.

With a 6" piece of flat wood and some fine grit garnet paper lightly smooth off the top of the stock at the barrel channel.

Now for the receiver and barrel. Make or buy two guide pins for the front and rear guard screw holes in the receiver. These are steel rods about five inches long and ¼" in diameter, which will thread firmly into the holes. (On the Springfield only one guide pin will be needed as the rear guard screw goes in at an angle.) Spot and shave as before (the pins act as a guide) until the receiver is in far enough for the barrel to rest on its channel. Mark the barrel contour lightly with a sharp scriber or penknife. Cut or rasp out the channel to nearly take the barrel. Spot and shave until the receiver and barrel will go into place with a little pressure and the receiver and guard make firm contact. The barrel should not quite contact the plastic forend tip, as recoil will bust it loose!

The rear bearing surface of the recoil shoulder should be very snug against the wood back of it, and the flat surface on the bottom of the receiver back of this lug and the undersurface of the tang must be in complete contact with the wood. Also, the box magazine should be carefully inletted so that the ends make full contact to help take the recoil.

Take out about 1/32" just back of the receiver tang, for if perfect contact is made, the wood at this point will split out when the rifle is fired.

With everything completely inletted into place, turn the guard screws up tight and take the rifle to the range and try it for accuracy. If you do not get the accuracy that you believe you should have—loosen the rear guard screw about a quarter turn and shoot again. If you still don't get the accuracy the rifle gave with the military stock, take the rifle back to your shop and carefully shave out the barrel channel so that there is no contact between the wood and barrel (except at the channel lips) from a point just in front of the receiver to a point about three inches from the forend tip. This should do the job!

Now reblue the rifle using Gunsmiths Bluer or Old Connecticut Gun Bluer. If you do not have a tank, the job can be done with S-75 Oxidizer or Tutchup Bluer.

The real pleasure of remodeling comes last! That of putting the finish on the stock! Any changes that may be necessary for a proper fit to the individual, are made with a rasp. For instance, now is the time to work-over the cheekpiece until it is just right to bring the sights in position before the eye!

With the stock worked down almost to final shape, the smoothing with garnet paper is started with about No. 2 grit, and worked down to the finest grit you can get—at least 00 and 000 is better. All sanding must be done with the grain or scratches will be made that are hard to remove!

When the wood is polished to a bone-like finish, wet it all over with a rag and warm water and hold over a hot stove so it will dry quickly. The stock will be rough, so sand it lightly with a new piece of fine grit paper. Repeat the wetting, drying and sanding until the surface remains smooth after wetting and drying.

Walnut will darken to a certain extent, no matter what you do to it. If you have a fairly soft piece of wood and soak it with linseed oil it will eventually turn almost black! So, I would not recommend the use of straight linseed oil!

I wanted my stock to remain fairly light in color, so I thinned spar varnish half and half and gave the wood a good soaking of this mixture, and then let it thoroughly dry. Next I sanded it with my finest grit paper and then warmed the stock and a small portion of Stoeger Stock Wax, which I applied with a wool cloth. After it had cooled I gave it a good polishing. Since then, from time to time, I have rubbed in a small amount of the wax—and I have a very excellent and beautiful finish.

If you want a darker stock, use Stoeger London Oil Finish—apply only a small portion at a time and rub well with a wool rag. Never put on another application until the previous one is thoroughly dry!—and I mean thoroughly! Four or five applications is enough—then keep in good condition with the stock wax!

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

GENUINE MANNLICHER-SCHOENAUER RIFLES

FOR THE U. S. 1906 CARTRIDGE

ALSO

6.5 x 53 m/m; 7 x 57 m/m; 7 x 64 m/m; 7 x 57 m/m; 8 x 56 m/m; 8 x 60 m/m; 9 x 56 m/m; 9.3 x 62 m/m; 9.5 x 57 m/m; 10.75 x 68 m/m

The Mannlicher-Schoenauer Hunting Rifle is a typical product of the Steyr Arms Factory, which for many decades has held a leading position in the manufacture of army rifles. Developed through the precision, durability and regularity brought on by the most critical requirements of military production, the Mannlicher-Schoenauer Hunting Rifle not only combines these qualities perfectly, but thanks its world wide reputation to its lightness, ease of handling, and Austrian good taste in appearance which combines utility and constructional correctness with external beauty, which accounts for the uniqueness of this arm.

AMONG THE SPECIAL ADVANTAGES OF THIS RIFLE ARE

1.—The light weight of the arm: 6 pounds and 9 ounces to 6 pounds and 13 ounces.

2.—The easy manipulation of the bolt on opening and closing, which when closed is completely and safely locked.

3.—The small dimensions of the magazine which is entirely within the stock and completely closed on the bottom, preventing the possibility of the entrance of dirt or dust.

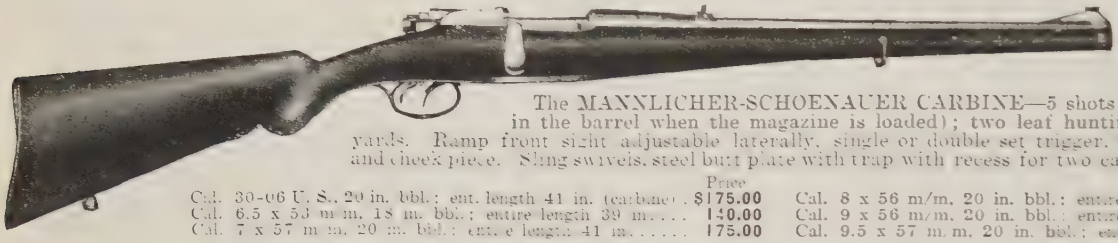
4.—The use of the rotating cartridge platform upon which the cartridges are concentrated. This has the advantage over the usual so-called zig-zag position, that all possibility of jamming is eliminated.

5.—The high accuracy of the arm.

6.—The bolt as well as the magazine can be disassembled and assembled very quickly without the aid of any tools.

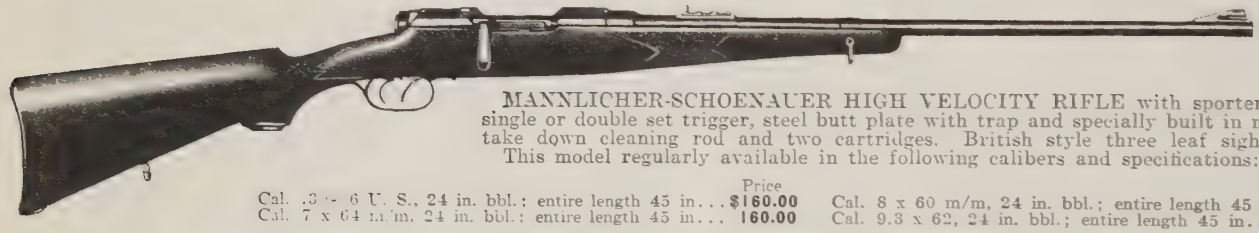
7.—The loaded rifle may be put on safe by turning the safety leaf to the field, whereupon the gun may neither be fired nor the bolt opened.

8.—Only first class, scientifically and practically tested material is used.



The MANNLICHER-SCHOENAUER CARBINE—5 shots (a sixth shot may be put in the barrel when the magazine is loaded); two leaf hunting sights for 100 and 200 yards. Ramp front sight adjustable laterally, single or double set trigger, full stock with pistol grip and cheek piece. Sling swivels, steel butt plate with trap with recess for two cartridges and cleaning rod.

	Price		Price
Cal. 30-06 U. S., 20 in. bbl.; ent. length 41 in. (carbine)	$175.00	Cal. 8 x 56 m/m, 20 in. bbl.; entire length 41 in.	$140.00
Cal. 6.5 x 53 m/m, 18 in. bbl.; entire length 39 in.	140.00	Cal. 9 x 56 m/m, 20 in. bbl.; entire length 41 in.	140.00
Cal. 7 x 57 m/m, 20 in. bbl.; entire length 41 in.	175.00	Cal. 9.5 x 57 m/m, 20 in. bbl.; entire length 41 in.	140.00



MANNLICHER-SCHOENAUER HIGH VELOCITY RIFLE with sporter half stock, single or double set trigger, steel butt plate with trap and specially built in magazine for take down cleaning rod and two cartridges. British style three leaf sight.

This model regularly available in the following calibers and specifications:

	Price		Price
Cal. .30-06 U. S., 24 in. bbl.; entire length 45 in.	$160.00	Cal. 8 x 60 m/m, 24 in. bbl.; entire length 45 in.	$160.00
Cal. 7 x 64 m/m, 24 in. bbl.; entire length 45 in.	160.00	Cal. 9.3 x 62, 24 in. bbl.; entire length 45 in.	160.00

Cal. 10.75 x 68 m/m, 24 in. bbl.; entire length 45 in. **$175.00**

TAKE DOWN MODEL

The magazine is taken out of the action. The spring pin in the fore-end of the stock on the right side is then taken out by depressing the milled part of its spring. The flatshaped catch in front of the trigger guard is then turned from left to right, which releases the action and the barrel and action can be detached from the stock. When putting together proceed in the reverse order. This model is particularly handy for traveling, as it takes down to an overall length of about 32 inches and may be carried in an ordinary suitcase. The take down model is only made in the sporter half stock model, not in the carbine, and on special order only.

Extra cost **$15.00**

Upon special order and a an extra charge, the following special work can be carried out by the factory:—Time of delivery:—

Special orders for Mannlicher-Schoenauer Rifles require a delivery of approximately twelve weeks.

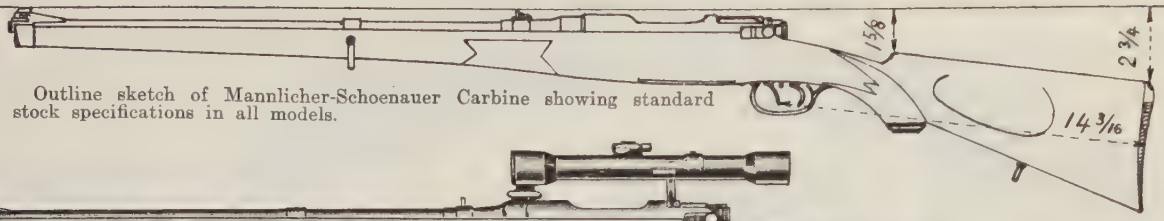
Extra long barrel, up to 23 inches, caliber 6.5 m/m	$15.00
Extra long barrel, up to 24 inches, caliber 8.2 m/m	15.00
Extra long barrel, up to 25 inches, caliber 9 m/m	15.00
Extra long barrel, up to 26 inches, caliber 9.5 m/m	15.00
Sight protector	1.00
Stock of specially selected pretty wood	20.00
Stock specifications differing from standard	15.00
Full stock in rifles which normally have half stock	10.00
Horn cap at the muzzle of sporter type	6.00

Telescope mount and shooting in, exclusive of cost of 'scope (see pages 238–241 and add cost of desired telescope).

Special testing or shooting in with foreign ammunition	$35.00
Extra for rib	30.00
Antinit without rib	35.00
Antinit with rib	45.00
Special folding peep sight	12.00
Takedown model extra	15.00
Extra light rifles (not for high speed rifles)	25.00

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

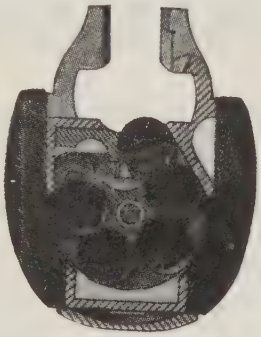
DETAILS OF MANNLICHER-SCHOENAUER RIFLES



Outline sketch of Mannlicher-Schoenauer Carbine showing standard stock specifications in all models.

This illustration shows the Mannlicher-Schoenauer Rifle with original factory mount. May be attached or detached in a moment and permits use of the open sights when mount is in place.

A—Cross section of stock, showing receptacle in stock for cleaning rod and two spare cartridges.



B—Cross section of the rotating cartridge platform, showing the arrangement of the five cartridges after loading from clip. A sixth cartridge may be placed directly into the chamber. Cartridges may also be loaded separately without the use of a clip.

C—Special Mannlicher-Schoenauer folding peep, showing how bolt slides over on opening.

CONSTRUCTIVE BALLISTICS OF THE MANNLICHER-SCHOENAUER SPORTING RIFLES

Caliber	Cartridge	Powder Wt. Grains	Style of Bullet	Bullet Wt. Grains	Bullet length inches	Muzzle velocity ft. sec.	Muzzle energy ft. lbs.	Trajectory, Inches Height at Mid-Range 100 yds.	200 yds.	300 yds.
6.7	Mannlicher-Schoenauer	37	Soft-Nose ogival	157.5	1.2	2395	1990	.6″	3.2″	9″
6.7		38.5	S-Soft-Nose	123.5	1 24	2690	1980	.44″	2.45″	7″
8.2		43	Soft-Nose ogival	200.6	1.05	2225	2150	.79″	4″	11″
8.2		48	S-Soft-Nose	170	1.1	2515	2418	.63″	2.9″	8.2″
9.0		48.5	Soft-Nose ogival	247	1.07	2160	2564	.85″	4.2″	11.5″
9.5		52.5	Soft-Nose ogival	271.6	1.04	2225	2980	.85″	4.4″	12.6″
30–06	Springfield	53	Brass-Point	180.5	1.24	2760	3000	.5″	2.3″	6.3″
7.0	7 x 64	51	Hollow-Point	173	1.25	2650	2700	.6″	2.6″	6.5″
8.0	8 x 60	54	Copper-Point-Torpedo	185	1.3	2775	3285	.4″	2.5″	6.07″

Original Mannlicher-Schoenauer Rifle Parts

Part No.	Name	Price
*1	Barrel	$25.00
2	Foresight	1.50
*3	Foresight block	1.75
*5	Backsight base	2.00
*6	Stand. sgt. for 1 leaf	1.25
*7	Sight leaf	1.00
8	Sight leaf pin	.25
14	Body	27.50
15	Bolt catch	1.50
16	Bolt catch spring	.25
17	Bolt catch pin	.25
*18	Bolt	7.50
18/1	Spring catch for firing pin nut	1.00
19	Cocking piece	4.50
20	Safety catch	3.00
21	Safety catch spring	.25
22	Firing pin spring	1.00
23	Firing pin	3.50
24	Firing pin nut	1.75
25	Bolt head	3.50
26	Ejector	1.50
27	Ejector screw	.25
28	Extractor	2.00
29	Mag. cartridge stop	2.50
30	Spg. for mag. cart. stp.	.25
31	Scw. for mag. cart. stp.	.25
32/1	Hairtrigger plate	3.00
32/2	Set trigger	1.50
32/3	Set trigger spring	1.50
32/4	Set trig. spg. screw	.35
32/5	Set trig. reg. screw	.35
32/6	Set trigger pin	.25
32/7	Hair trigger	1.50
32/8	Hair trigger spring	.35
32/9	Hair trigger pin	.25
32/10	Hair trigger catch	.50
34	Sear lever	2.00
35	Pivot pin for sear lever	.25
36	Sear	1.50
37	Sear pivot	.25
37/1	Trigger lever	2.00
37/2	Trigger lever pivot	.25
37/3	Roller for trig. lever	.35
37/4	Roller pin	.25
38	Trigger spring	.50
*39	Cartridge carrier	4.00
*40	Cartridge carrier frame	4.00
*41	Cart. car. cover plate	2.50
42	Cover plate catch	1.25
43	Fast. spg. for cov. plate	.25
45	Cartridge carrier spg.	.50
*46	Front pivot for car.	1.25
48	Back pivot for car.	.75
49	Trigger guard	3.00
50	Trigger guard screw	.35
51	Upper sling ring	1.00
52	Upper sling band	1.00
53	Upper sling ring scrw.	.35
54	Up. slng. rng. scrw. nut	.25
55	Lowel sling swivel	1.25
56	Low. sling swiv. screw	.50
57	Lower sling swivel connecting screw	.25
58	Butt plate	3.50
59	Butt plate trap	
60	Butt plate trap spg.	
61	Butt plate trap spring screw	
63	Rub. lin. for butt plate	1.25
64	Screw	.35
*65	Stock	40.00
66	Fore-end cap	1.75
67	Fore-end cap screw	.25
68	Fore-end cap nut	.75
69	Fore-end cap nut scrw.	.25
70	Screw sleeve	.25
71	Rear connect. screw	.50
72	Front connect. screw	.50
73	Frnt. con. scrw. washer	.25
74	Horn end for grip end	1.00
75	Horn cap screw	.25
76	Horn cap pin	.25
	Various Parts for the Sporter Half Stock	
6a	Stand. sight for 1 leaf with wide notch	1.75
7a	Sgt. lf. with wide ntch.	1.00
14/1	Grooved tang	1.75
32	Single trigger	1.50
49/1	Trig. grd. for sing. trig.	5.00
49/2	Trigger guard catch	.75
49/3	Trig. guard ctch. lev.	.75
49/4	Trig. grd. catch. spg.	.25
49/5	Trig. guard catch. pin	.25
49/6	Trig. guard lever pin	.25
69	Scrw. for spg. pin plate	.35
71a	Rear connect. screw	.35
80a	Upper sling eye	2.50
81a	Up. sling eye screw	.50
85	Spring pin	1.00
86	Spring pin spring	1.25
87	Spring pin plate	.50
88	Fore sight protector	1.00

* Complete bolt assmb. 17.50
* Complete bolt head. 6.00

* Complete blued barrel with sgts. & swivel 30.00
* Complete stock 37.50

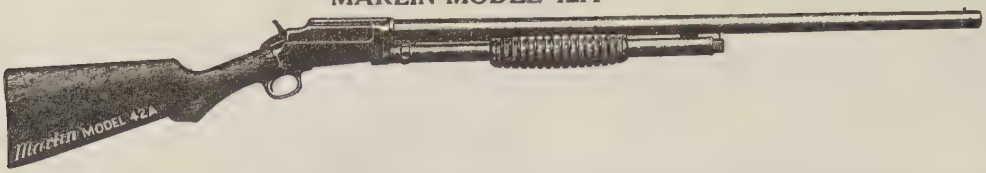
* Four piece collap. clng. rod for stock 3.50

Note: All Mannlicher-Schoenauer parts are interchangeable, but in ordering those parts marked with an asterick*, it is essential to state caliber.

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

Marlin Repeating Shotguns

MARLIN MODEL 42A

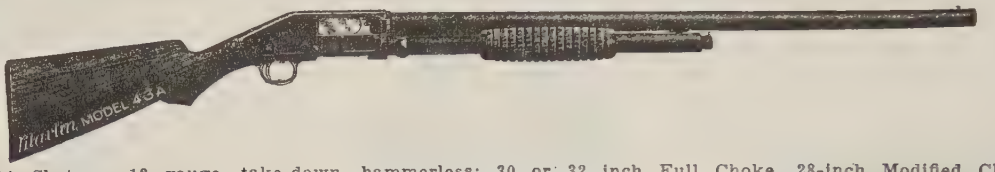


Model No. 42A Shotgun, 12 gauge, special rolled steel barrel; barrel handsomely matted, facilitates quick sighting; chambered to handle both 2¾ to 2⅝ shells; black walnut pistol grip buttstock and action slide handle; hard rubber butt plate.

Grade A; 12 gauge; visible hammer, take down, 30 or 32 inch full choke, 28 inch modified choke, or 26 inch cylinder bore barrel. Length of buttstock 13½ inhes; drop at comb 2 inches, drop at heel 2½ inches; 6 shots; weight about 7½ pounds.

Marlin Model 42A ..... **Price $42.20**

MARLIN MODEL 43A



Model No. 43A Shotgun, 12 gauge, take-down, hammerless; 30 or 32 inch Full Choke, 28-inch Modified Choke, or 26-inch Cylinder Bore Matted Barrel; weight about 8 pounds; 6 shots.

Grade A; 12 gauge; special rolled steel barrel; barrel handsomely matted, facilitates quick sighting; chambered to handle both 2¾ to 2⅝ inch shells; black walnut pistol grip butt stock and action slide handle; length of buttstock, 13½ inches; drop at comb, 1⅝ inches; drop at heel, 2½ inches; hard rubber buttplate.

Marlin Model 43A ..... **Price $49.80** **Marlin Model 43T, Trap** . .. **Price $75.00** **Marlin Model 43TS** ..... **Price $100.00**

Large extension forearm, fancy checked 43T or TS ..... **Extra $18.00**

MODEL No. 44A Shotgun, 20 gauge, take-down, hammerless, 25 or 28inch full choke, 25-inch modified choke or 25-inch cylinder bore matted barrel; weight about 5⅞ pounds; 5 shots.

Grade A; 20 gauge; special rolled steel barrel; barrel handsomely matted, facilitates quick sighting; chambered to handle both 2½ and 2¾-inch shells; specially bored for both black and smokeless powders; black walnut pistol grip buttstock and action slide handle; length of buttstock, 13½ inches; drop comb, 1 13/16 inches; drop at heel, 2 11/16 inches; hard rubber buttplate.

Marlin Model 44A ..... **Price $49.80**

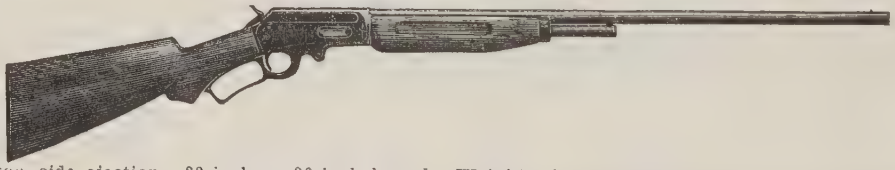
MODEL 53 SHOTGUN

Model No. 53 Shotgun, 12 Gauge, Take-Down Hammerless, 30 or 32-inch Full Choke, 28-inch Modified Choke, or 26-inch Cylinder. Weight about 7¼ pounds; 6 shots. Chambered to handle both 2¾ and 2⅝-inch shells; Black Walnut Pistol Grip Buttstock and Action Slide Handle; Length of Buttstock, 13½ inches; Drop at Comb, 1⅝ inches; Drop at Heel, 2½ inches; Hard Rubber Buttplate.

Famous Marlin solid top and side ejection action, all up-to-date features and the perfect balance and superior shooting qualities for which the Marlin shotgun has always been noted.

Model No. 53 Shotgun ..... **Price $42.50**

NEW MARLIN MODEL .410



Lever action, solid top, side ejection. 22-inch or 26-inch barrel. Weight about 6 pounds. Pistol grip buttstock and large forearm that fits the hand, both made of black walnut. Hard rubber buttplate. For both 2-inch and the new 2½-inch shells in scatter load and round ball. 5 shots.

New Marlin Model .410 ..... **Price $30.80**

Marlin Model No. 38 Rifle

Model No. 38 Rifle, .22 Caliber, Rim-Fire, Take-Down, Hammerless, 24-inch Octagon Barrel, Half Magazine. Weight about 5½ pounds. Handles without change or adjustment all .22 Short, .22 Long and .22 Long Rifle Cartridges.

Slide Action; Side Ejection; Solid-Top, Closed-in Frame; Ivory Bead Front and Rocky Mountain Flat Top Rear Sights; Barrel and Receiver have Blued Finish; Hard Rubber Buttplate; Length over all, 40 inches; Length taken down 27¾ inches; Length of Buttstock, 13½ inches; Drop at Comb, 1 7-16 inches; Drop at Heel, 3 inches; Black Walnut Pistol Grip Buttstock and Action Slide Handle; Rifle handles at one loading. 15 .22 Short, 12 .22 Long, or 10 .22 Long-Rifle Cartridges, either Black or Smokeless Powder.

Model 38. Octogon Barrel ..... **Price $22.80**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Marlin Repeating Rifles

MODEL NO. 27, SLIDE ACTION REPEATING RIFLE

25-20 Caliber, Center-Fire, Take-Down, 24-inch Octagon Barrel, Half Magazine, 7 Shots.

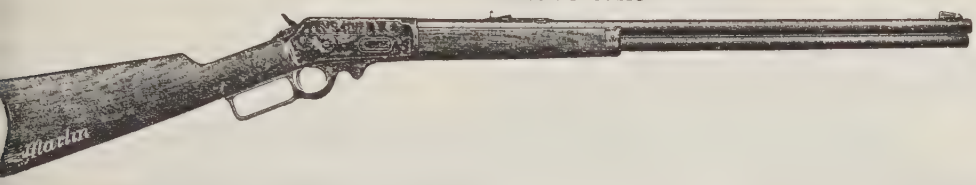
32-20 Caliber, Center-Fire, Take-Down, 24-inch Octagon Barrel, Half Magazine, 7 Shots.

The only Visible hammer Slide Action Repeater made for the popular .25-20 and .32-20 High Velocity Cartridges, as well as the Regular Black and Low Pressure Smokeless Cartridges.

Slide Action; Visible Hammer; Side Ejection; Solid-Top, Closed-In Frame; Smokeless Steel Barrel; Ivoy Bead Front and Open Mountain Rear Sights; Barrel, Receiver and Buttplate, Blued Finish; Length over all, 42½ inches; Length taken down, 28½ inches; Length of Buttstock, 13½ inches; Drop at Comb, 1⅞ inches; Drop at Heel, 2¾ inches; Black Walnut Buttstock and Action Slide Handle; Weight about 5¾ pounds.

Model 27, .25-20 or .32-20 Caliber ..... **Price $28.50**

Model 93 Rifle



Model 93 Rifle, .30-30, .32 Special, .32-40, .38-55 Calibers, Center-Fire, Solid Frame, 26-inch Round Special Smokeless Steel Barrel, Full Magazine, 10 shots. Weight about 7¼ pounds.

Model 93 Rifle, .30-30, .32 Special Special, .32-40, .38-55 Calibers, Center-Fire, Solid Frame, 26-inch Octagon Special, Smokeless Steel Barrel, Full Magazine, 10 shots. Weight about 7¼ pounds.

Lever Action; Visible Hammer; Side Ejection; Solid-Top, Closed-In Frame; Rocky Mountain Front and Rear Sights; Case Hardened Receiver; Blued Steel Buttplate; Length over all, 44⅞ inches; Drop at Comb, 1¾ inches; Drop at Heel, 3 inches; Black Walnut Buttstock and Forearm. Adapted to use High Power Smokeless Cartridges.

Model 93, Round Barrel ..... **Price $33.80**

Model 93, Octagon Barrel ..... **Price $35.25**

Model 93 Carbine, .30-30 or .32 Special Calibers, Center-Fire, Solid-Frame, 20-inch Round Special Smokeless Steel Barrel, Full Magazine, 7 shots. Weight about 6¾ pounds.

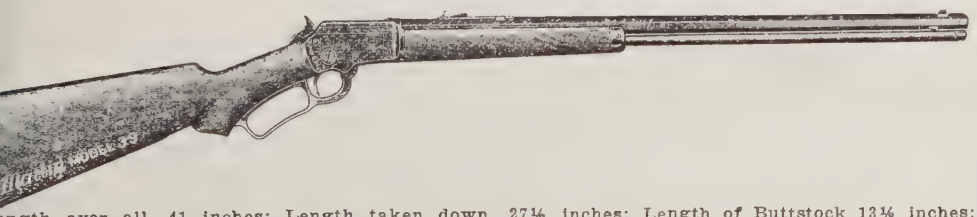
Lever-Action; Visible Hammer; Side Ejection; Solid-Top, Closed-In Frame; Carbine Front and Rear Sights; Case Hardened Receiver; Blued Steel Buttplate; Length over all, 38 inches; Drop at Comb, 1¾ inches; Drop at Heel, 3 inches; Black Walnut Buttstock and Forend. Adapted to use High Power Smokeless Cartridges.

Model 93 Carbine ..... **Price $32.20**

Model No. 93CS Carbine, .30-30 or .32 Special Caliber, Center-Fire, Solid Frame, 20-inch Round Special Smokeless Steel Barrel, **Two-Thirds Magazine,** 5 shots. Weight about 6½ lbs.

Has Lever Action; Visible Hammer; Side Ejection; Solid-Top Closed-In Frame; Ivory Bead Front and Adjustable Rocky Mountain Rear Sights, a set of Sights especially adapted to quick, accurate shooting; Blued Barrel; Case-Hardened Receiver; Hard Rubber Buttplate; Length over all, 38 inches; Drop at Comb, 1¾ inches, Drop at Heel, 3 inches; American Black Walnut Buttstock and Forearm.

Model No. 93CS Sporting Carbine ..... **Price $37.25**



Model No. 39 Rifle, .22 Caliber Rim-Fire, Take-Down, 24-inch Octagon Barrel, Full Magazine. Weight about 5¾ pounds.

Handles without change or adjustment all .22 Short. .22 Long and .22 Long-Rifle Cartridges.

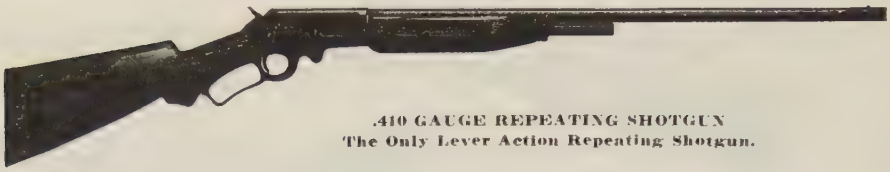
Lever Action; Visible Hammer; Side Ejection; Solid-Top; Closed-In Frame; Ivory Bead Front and Flat Top Rocky Mountain Rear Sights; Blued Barrel and Case-Hardened Receiver; Hard Rubber Buttplate; Length over all, 41 inches; Length taken down, 27½ inches; Length of Buttstock 13⅛ inches; Drop at Comb, 1¾ inches; Drop at Heel, 2⅞ inches; Pistol Grip Buttstock and Forearm of Black Walnut; Rifle Handles at one loading: 25 .22 Short, 20 .22 Long or 18 .22 Long-Rifle Cartridges. The only .22 Caliber Repeater with Lever Action.

Model 39 ..... **Price $30.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Marlin Repeating Shotguns

MARLIN MODEL .410 LEVER ACTION REPEATING SHOTGUN



.410 GAUGE REPEATING SHOTGUN
The Only Lever Action Repeating Shotgun.

MODEL .410 REPEATING SHOTGUN—.410 gauge, Lever Action, Solid Frame, 22 or 26-inch Barrel, 6 Shots. Weight about 6 pounds. Shoots all new 2½-inch shells in addition to the regular 2-inch and also the single Round Ball load. Black Walnut Pistol Grip Buttstock and large convenient handling Forearm. Genuine Hard Rubber Buttplate. Length of Buttstock 13½ inches. Drop at Comb 1½ inches. Drop at Heel 2⅝ inches, Length over all 44½ inches. A light weight, nicely balanced repeater, using the scatter load and the round ball. A gun that will take the place of both your shotgun and rifle for many purposes. For the boy not old enough to handle a heavy gauge and a pleasant companion for your wife or daughter. Effective for brush and field shooting and at the gun club for skeet. An ideal gun on the farm for shooting pests and other small animals and with the round ball for deer at short range. Carefully made with Marlin accuracy.

Here is a fine gun for the beginner or experienced shooter. The beginner will find it an excellent gun to learn to shoot. It is light, has very little recoil, and has the ability to point. The experienced shooter will find the gun a pleasant change from the large gauges. Lever action, solid top, side ejection, 22-inch or 26-inch barrel. Weight about 6 pounds. Pistol grip buttstock and large forearm that fits the hand; both made of black walnut. Hard rubber buttplate. For both 2-inch and the new 2½-inch shells in scatter load and round ball. 5 shots.

New MARLIN MODEL .410 ..... **Price $33.90**

MARLIN MODEL 42A

MODEL NO. 42A SHOTGUN—12 Gauge, Take-Down, 30 or 32-inch Full Choke, 28-inch Modified Choke, or 26-inch Cylinder Bore Matted Barrel; Weight about 7½ pounds; 6 shots. Grade A; 12 Gauge; Visible Hammer; Special Marlin Steel Barrel; Barrel Handsomely Matted, facilitates quick sighting; Chambered to Handle both 2¾ and 2⅝-inch Shells; Black Walnut Pistol Grip Buttstock and Action Slide Handle; Length of Buttstock, 13½ inches; Drop at Comb, 2 inches; Drop at Heel 2½ inches; Hard Rubber Buttplate.

To Guard Against Hang-Fire (defective) Cartridges: The improved automatic recoil block hooks on to the locking bolt when closing the action and holds the gun firmly locked until after the explosion of the cartridge, when it is instantly and automatically released by the recoil.

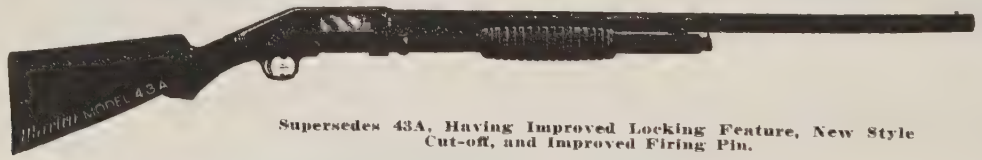
To operate the gun when empty or to eject a defective cartridge, hold back the recoil hook extension at front end of trigger guard with right forefinger (which throws off the recoil lock), and operate in the regular manner.

MODEL 42A SHOTGUN—12 gauge, special rolled steel barrel; barrel handsomely matted, facilitates quick sighting; chambered to handle both 2¾ to 2⅝ inch shells; black walnut pistol grip buttstock and action slide handle; hard rubber plate.

GRADE A—12 gauge, visible hammer, take-down, 30 or 32-inch full choke, 28-inch modified choke, or 26-inch cylinder bore barrel. Length of buttstock 13½ inches; drop at comb, 2 inches; drop at heel, 2½ inches; 6 shots; weight about 7½ pounds.

MARLIN MODEL 42A ..... **Price $46.45**

MARLIN MODEL 63A



Supersedes 43A, Having Improved Locking Feature, New Style Cut-off, and Improved Firing Pin.

MODEL No. 63A SHOTGUN—12 gauge, take-down, hammerless; 30 or 32-inch Full Choke, 28-inch Modified Choke, or 26-inch Cylinder Bore Matted Barrel; weight, 8 pounds; 6 shots. GRADE A—12 gauge; special rolled steel barrel; barrel handsomely matted; facilitates quick sighting; chambered to handle both 2⅝ and 2¾-inch shells, black walnut pistol grip buttstock and action slide handle; length of buttstock, 13½ inches; drop at comb, 1⅝ inches; drop at heel, 2½ inches; hard rubber buttplate.

MARLIN MODEL 63A ..... **Price $54.80** **MARLIN MODEL 63T (Trap)** ..... **$82.50** **MARLIN MODEL 63TS** ..... **Price $110.00**

Large Extension Forearm, Fancy Checked, 63T or TS ..... **Extra $19.80**

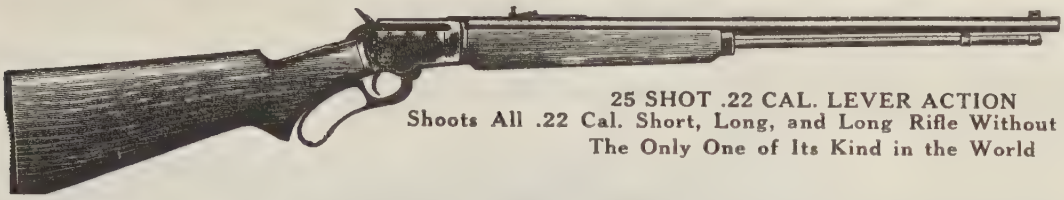
MODEL No. 44A SHOTGUN—20 gauge, take-down hammerless, 25 or 28-inch full choke, 25 inch modified choke or 25-inch cylinder bore matted barrel; weight about 5⅞ pounds; 5 shots. GRADE A—20 gauge, special rolled steel barrel; barrel handsomely matted; facilitates quick sighting; chambered to handle both 2½ and 2¾-inch shells; specially bored for both black and smokeless powders; black walnut pistol grip buttstock and action slide handle; length of buttstock, 13½ inches; drop at comb, 1-13/16 inches; drop at heel, 2-11/16 inches; hard rubber buttplate.

MARLIN MODEL 44A ..... **Price $54.80**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

MARLIN LEVER ACTION .22 AND HIGH POWER RIFLES

MODEL 39-A



25 SHOT .22 CAL. LEVER ACTION
Shoots All .22 Cal. Short, Long, and Long Rifle Without Adjustment
The Only One of Its Kind in the World

SPECIFICATIONS—MODEL 39-A

Take down. 24½" semi-heavy round, tapered, blued steel barrel ith unsurpassed famous Ballard type rifling. Crowned muzzle. Full agazine. Holds 25 short, 20 long or 18 long rifle cartridges Shoots l .22 short, long and long rifle cartridges, both regular and high eed without change or adjustment. Solid top, case hardened, reiver. Side ejection. New designed pistol grip buttstock of genuine merican walnut. New large corrugated buttplate of light, unbreakable material. New designed long semi-beaver tail forearm. The only take down rifle exposing all working parts for cleaning and oiling. Barrel can be cleaned from breech end. Silver bead front sight. Flat top Rocky Mountain rear sight drilled and tapped for tang peep sight. Length overall 41 inches. Weight about 6½ lbs.

Price **$29.77**

MODEL 36
CARBINE

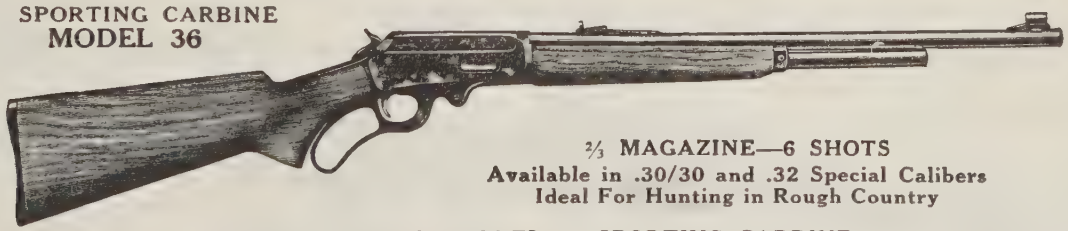
FULL MAGAZINE—7 SHOTS
Available in .30-30 and .32 Special Calibers
Suitable for All North American Big Game

SPECIFICATIONS—MODEL 36 CARBINE

Lever action, repeater with solid frame, 20" round tapered barrel special smokeless steel. Proof tested, crowned muzzle. Famous allard type rifling. Solid top receiver, an original Marlin invenon. Side ejection. Receiver and finger lever case hardened. Visle hammer. Genuine American walnut pistol grip buttstock. Length out 13¼". Drop at comb about 1⅛". Drop at heel about 2⅞". heckered unbreakable buttplate. "Sure Grip" semi-beaver tail forearm of American walnut. Silver bead front sight. Flat top Rocky Mountain rear sight, excellent for quick, accurate shooting. Drilled and tapped for tang peep sight. Length overall 38". Weight about 6½ lbs.

Price **$28.76**

SPORTING CARBINE
MODEL 36



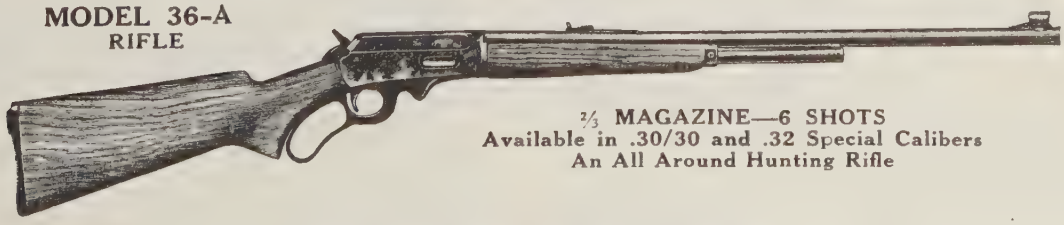
⅔ MAGAZINE—6 SHOTS
Available in .30/30 and .32 Special Calibers
Ideal For Hunting in Rough Country

SPECIFICATIONS—MODEL 36 SPORTING CARBINE

Same general specifications as the 36 Carbine except steel forem tip, new "Huntsman" non-glare ramp front sight with silver bead and quick detachable hood. Weight about 6¼ lbs.

Price **$28.76**

MODEL 36-A
RIFLE



⅔ MAGAZINE—6 SHOTS
Available in .30/30 and .32 Special Calibers
An All Around Hunting Rifle

SPECIFICATIONS—MODEL 36 RIFLE

Same general specifications as the 36 Carbine except 24" barrel, eel forearm tip, new "Huntsman" non-glare ramp front sight with ver bead, quick detachable hood. Length overall 42". Weight about 6¼ lbs.

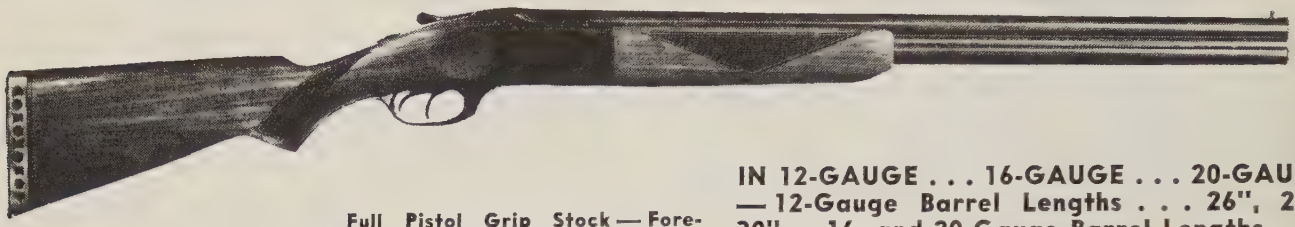
Price **$31.29**

his page reproduced from Stoeger Catalog Edition No. 33, 1941.

Marlin Model 90's—Popular Price Over & Unders

Strong, Safe, Perfectly Balanced, Easy to Handle

Marlin Model 90 — Double Trigger — Over & Under Shotgun $75.70



Full Pistol Grip Stock — Forearm Large and hand-filling — Stock and Forearm hand-checkered — American Black Walnut Stock & Forearm — Length about 14¼" — Drop at Comb about 1⅝" — Drop at Heel about 2¼"

IN 12-GAUGE . . . 16-GAUGE . . . 20-GAUGE — 12-Gauge Barrel Lengths . . . 26", 28", 30" — 16- and 20-Gauge Barrel Lengths . . . 26", 28" — Weights — 12-Gauge about 7½ lbs.; 16- & 20-Gauge about 6¼ lbs. — 26" Barrels bored Top Modified, Bottom Improved Cylinder — 28" & 30" Barrels bored Top Full, Bottom Modified

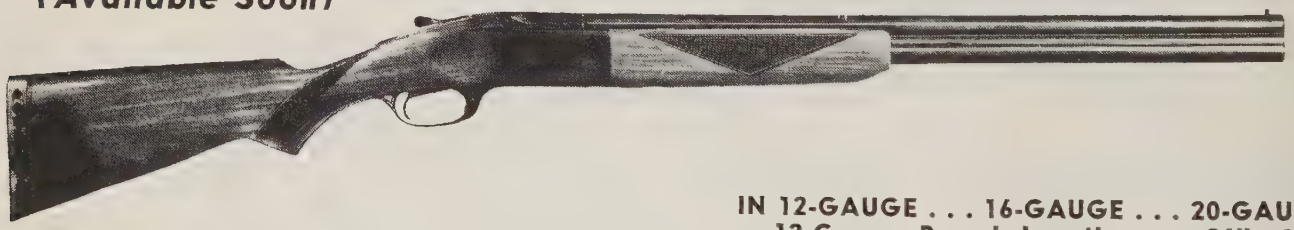
The Marlin Model 90 stands as a major advance in firearm design. It's amazingly simple and easy in operation. Strongly built, beautifully proportioned, perfectly balanced, it points easily, handles fast, giving even patterns with far-reaching, hard-hitting range. This fine gun is built for a life-time of dependable use. It's an ideal all-around field, trap and skeet gun.

Barrels are made of Special Analysis Steel and chambered for 2¾" shells. Matted top barrel gives shooters a single sighting plane for more accurate firing. Action is hammerless and the gun cocks on opening. Positive automatic safety. Gun has Take-Down feature. Parts are easily accessible for cleaning and oiling. Front trigger fires bottom barrel. Direct-line locking one-piece frame. Stock and Forearm specially finished and hand-checkered. American Black Walnut used exclusively on stock and forearm. Forearm large and hand-filling designed to protect the hand from heat of barrels. Proof-tested and patterned at the plant.

See top of page for gauges, barrel lengths and borings of the Marlin Model 90.

Marlin Model 90—Single Trigger—Over & Under Shotgun

(Available Soon)



Full Pistol Grip Stock — Forearm Large and Hand-filling — Stock and Forearm Hand-Checkered — American Black Walnut Stock & Forearm — Length about 14¼" — Drop at Comb about 1⅝" — Drop at Heel about 2¼"

IN 12-GAUGE . . . 16-GAUGE . . . 20-GAUGE — 12-Gauge Barrel Lengths . . . 26", 28", 30" — 16- and 20-Gauge Barrel Lengths . . . 26", 28" — Weights — 12-Gauge about 7½ lbs.; 16- & 20-Gauge about 6¼ lbs. — 26" Barrels bored Top Modified, Bottom Improved Cylinder — 28" & 30" Barrels bored Top Full, Bottom Modified

The Marlin Model 90-ST now brings to hunters, trap and skeet shooters the convenience and fast action of a non-selective single trigger in Marlin's famous Over & Under shotgun. Never before has this type and quality of gun been available to sportsmen at a moderate price. Same specifications as the Model 90, plus smooth, safe single trigger action. Before you buy any shotgun, be sure to see Marlin's Model 90-ST. Single trigger installed to fire bottom barrel first and upper barrel second. Proof-tested and patterned at the plant.

This page reproduced from Stoeger Catalog Edition No. 40, 1949.

HANDY NEW CARTRIDGES

By Pete Kuhlhoff, Gun Editor, Argosy Magazine

New cartridges with the well known .22 Long Rifle, .308 Winchester, .30-06, and .44 Special, shown for comparison. (left to right): .22 L.R., .244 Rem., .243 Win., .308 Win., 358 Win., 30-06, .458 Win., .44 Rem. Magnum, and .44 Special.

Ordinarily, newly designed, commercially produced rtridges are few and far between. But lately, there has een what amounts to a deluge. Nothing like it has been en since the very early days of self-contained cartridges, hen everyone with a drawing machine got in the act. or one reason or another each of these new brass cased eauties has a definite place in the shooting scheme.

We have two fresh 6-mm cartridges, the .243 Winches- r and the .244 Remington, to whet the appetite of long nge varmint shooters and hunters who walk the fields nd maybe climb a mountain or two to get a far away ot at an elusive target in the varmint or medium weight g-game division.

The new .358 Winchester was designed especially for e on medium and heavy game at fairly close ranges here good knock-down power is needed. It rounds out e Winchester family of cartridges based on the Govern- ent developed 7.62 NATO (7.62-mm) cartridge, brought t by Winchester in sporting form as the .308. The mily consists of the .243, .308, and 358.

Our very latest cartridge is the heavy .458 Winchester agnum, a cannon-like cartridge engineered for knock- g down ponderous African game, and keeping them ere.

In the handgun department Remington has developed e .44 Magnum in conjunction with the new Smith & esson .44 Magnum revolver. This is the world's most owerful cartridge for the one-hand gun. It develops about ice the wallop of the .357 Magnum, which held the tle for years.

The 6-mm cartridges, mentioned above, were perfected r mass production after quite some groundwork was laid individual experimenters throughout the country. The llets loaded in these new cartridges have good sectional nsity—which means that they are long in proportion their diameter—and for this reason, as a result of tural physical laws, retain their velocities better than orter bullets. In other words, they carry up and give tter trajectory and buck the wind well for longer range shooting.

Winchester loads the .243 with an 80-grain soft-point bullet at 3500 feet per second muzzle velocity for varmint work, and the 100-grain soft-point bullet at 3070 f.p.s. for small and medium-size big game. Both bullets develop excellent energy, the 80-grain slug starts off with a muzzle energy of 2180 foot pounds and the 100-grain one with 2090 foot pounds. As a comparison the 150-grain, .30-'06 bullet leaves the muzzle developing 2930 foot pounds of energy.

The .244 Remington cartridge is based on the .257 Roberts case and is being loaded with a 75-grain bullet having 3500 feet per second muzzle velocity—and a 90-grain bullet at 3200 f.p.s Energies are 2040 and 2050 foot pounds respectively. As the figures indicate, these Winchester and Remington cartridges are quite similar from the ballistics standpoint. As a matter of fact, case capacities (and I mean level full) are about the same, with the Remington having a slight edge. Accuracy of both the Winchester and Remington cartridges is excellent, at least to 600 yards, which is the longest range that I have shot them on paper targets.

High speed over long range means ultra-flat trajectory with properly designed bullets. These attributes put the deadly punch where it counts. That is the picture of the new 6-mm cartridges and they will become more and more popular among shooters as their desirable qualities become more evident in the field.

Speaking of varmint cartridges, I have just examined the brand new Krico rifle action, which was especially designed for the .222 Remington cartridge. (See pages 52 and 53.) This is the finest miniature Mauser type action that I have seen. Some of its outstanding features are: the solid, box-type magazine and trigger guard milled from a single forging; an improved double-set trigger; a husky Mauser-type extractor; and a heavier receiver ring. The receiver ring and bridge are dovetailed for easy scope mounting. This action should make-up into an excellent 5-shot varmint rifle.

his page reproduced from Stoeger Catalog Edition No. 48, 1957.

The .358 Winchester cartridge was designed for comparatively short range use on thin-skin game. Reports, after the hunting season last fall, indicate that it is just about ideal for that purpose.

The .358 is not quite a third more powerful than the .35 Remington as far as muzzle energy is concerned, and almost in the class of the .348 Winchester—with the added attraction of being available in lighter and handier rifles than the latter.

Although I mention deer, the .358 actually is effective on heavier game and was designed for that purpose. Ballistically it compares favorably with other time-tried American cartridges carrying large diameter bullets, but, of course, it does not touch the .375 H & H Magnum cartridge.

What rifles are chambered for these new cartridges? The Model 722 Remington is being produced for the .244 Remington cartridges. The others (plus the .308 Winchester) are available in Model 70 Winchester bolt action and Model 88 Winchester lever action rifles, in the Model 99-F (featherweight) rifle, and in the Mannlicher-Schoenauer. By the time that you read this, I understand that the Marlin Model 455 bolt action rifle also will be available in .243 Win., .244 Rem., .308 Win., and .358 calibers.

With the trend toward lightweights for easier lugging, most of the above arms fall right in line. The Mannlicher-Schoenauer tips the scale at about 7 pounds. The Winchester Model 88 and the Savage Model 99-F balance at about 6½ pounds, with the Winchester Model 70 Featherweight at about 6¾ pounds. At this writing, the weight of the new Marlin Model 455 has not been determined.

The brand-spankin new .458 Winchester cartridge is the powerhouse of all American cartridges, designed especially for heavy, thick-skin African game. The Winchester Model 70 rifle (Super Grade only) has been slightly modified to handle this monstrous cartridge. When I say monstrous, I mean huge from all standpoints. It is being loaded with a 500-grain full metal cased (steel jacketed) bullet and a 510-grain soft point bullet, both leaving the muzzle at 2125 feet per second. Energy developed at the muzzle in foot pounds is 5010 for the 500-grain slug and 5110 for the 510-grain smasher. An idea of the tremendous bone crushing power of the bullets of this new cartridge may be seen by comparing its ballistic figures with those of the .375 H & H Magnum, which long has been the most powerful cartridge production-line produced in the United States. The muzzle energies of the .375 are 4500 foot pounds for the 270-grain bullet, and 4330 foot pounds for the 300-grain bullet. I am giving muzzle energies because game usually is taken at very close range on charging dangerous game!

Trajectory figures are impressive for such heavy bullets. At mid range, with the rifle sighted in for 100 yards, the bullets strike slightly over an inch high. Mid range trajectory for 200 yards is 5.1 inches. With the rifle sighted in 1½ inches high at 50 yards, the bullet strikes the point of aim at 150 yards. Brother, that's not bad at all! To carry things a bit further, for 300 yards the mid range trajectory is only about thirteen inches.

Muzzle energies for these cannon balls held up very well. For instance, with 2950 foot pounds at 200 yards, the .458 develops 120 more foot pounds of energy than the .30-'06, 220-grain bullet does at the muzzle.

How about recoil? Yep, as would be expected, the shooter knows darn well that he is shooting something when he touches off this baby. My test rifle weighs exactly 9¼ pounds with carrying sling, which is standard equipment. That may seem a little on the light side for a rifle such a heavy load, but this Model 70 balances well and is quite fast in the handling department. I'll settle for a little more recoil for these advantages. (Actually, in the field shooting big game, the average hunter does not feel recoil at all.)

For off hand shooting, I find that the .458 is about like the .375 Magnum as far as recoil is concerned. I enjoy shooting the Big Bertha—although I must admit that it is not a gun to shoot too many times from prone or bench rest position.

This new Winchester cartridge is proving itself on heavy game in Africa. It has made one-shot kills on elephant, buffalo, and rhino. Penetration has been terrific, and head shots that missed the brain on elephant, did the complete job.

The new .44 Magnum cartridge and revolver represents just about the peak of power that can be safely obtained with a one-hand gun. It develops about twice the power of the .357 Magnum, the former most powerful revolver cartridge. Remington developed the cartridge and Smith & Wesson designed the original revolver for it. The Ruger Blackhawk revolver, at first chambered for the .357 Magnum, also is being produced for the new cartridge.

While experimenting with the .44 Magnum, I blasted a few cinder and cement block to bits, shot up and destroyed an automobtile motor, and did a pine board penetration test. The damage was almost unbelievable,

Al Green, Field Director for Safaritours, with East African elephant taken with the new .458 Winchester cartridge.

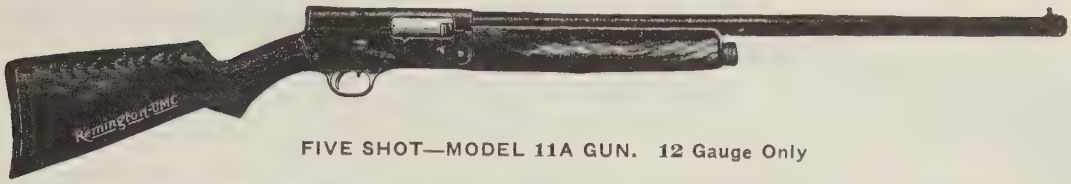
the 240-grain, gas check, lead bullet at 1570 feet per second really does a job. It shot through ten ⅞-inch pine boards spaced one inch apart, and did about four times more damage to each individual board than the .357 Magnum, which penetrated nine boards. The new cartridge also shot through seven inches of solid pine, pulping a channel that measured as much as an inch in diameter.

One element that has become conspicuous by its absence is the background or foundation for the .44 Magnum cartridge that was laid over a period of years by exponents of heavy handgun cartridges, especially by my old friend Elmer Keith. His has been a voice in the wilderness, which with the excitement of the new cartridge, has been almost completely lost. For many moons Elmer has experimented and develôped heavy handgun loads, and constantly has cried for a revolver that would safely handle even more powerful cartridges. To my way of thinking, Keith deserves a great deal of credit for sowing the seed from which the new cartridge has grown.

Be that as it may, the new .44 Magnum cartridge is the world's champion heavyweight, and no doubt will hold the title for many a year! ◆◆◆

This page reproduced from Stoeger Catalog Edition No. 48, 1957.

REMINGTON AUTOLOADING SHOTGUNS



FIVE SHOT—MODEL 11A GUN. 12 Gauge Only

No. 11R—Riot Grade Remington Blued Steel Barrel, "Take Down," Hammerless Repeater. American walnut half pistol rip stock and fore-end, rubber butt, cylinder bore, 12 gauge, 20 inch, 5 shot $62.15

No. 11A—Standard Grade Remington Blued Steel Barrel, "Take Down," Hammerless Repeater. Half pistol grip stock of merican walnut; regular dimensions, 14 inch; drop at heel, 2½ inch; drop at comb, 1⅝ inch; 12 gauge only, 26, 28, and 30 ich, 5 shot. Weight about 8 lbs. Full, modified or cylinder bore 62.15

Raised Solid Rib 9.60

Ventilated Rib 15.60

No. 11B—Special Grade Remington Blued Steel Barrel, same as **No. 11A Standard Grade,** with the exception that the stock nd forearm are of selected English walnut half pistol grip, checkered 90.00

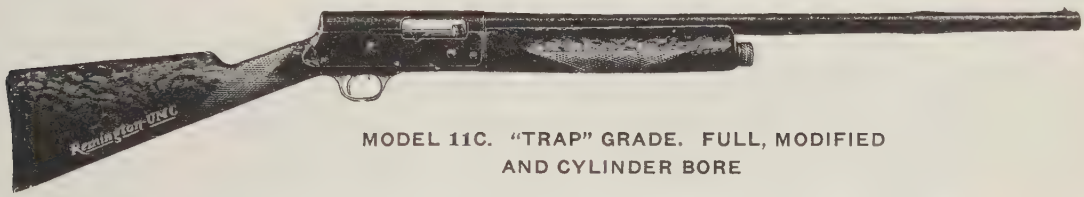
Raised Solid Rib 9.60

Ventilated Rib 15.60

Extra Barrel Fitted on No. 11A or 11B 25.45

***Note**—Any other length or drop of stock on **No. 11A or 11B** made to order at an advance of 16.00

Extra for Full Pistol Grip, Rubber Cap on 11A or 11B 4.30



MODEL 11C. "TRAP" GRADE. FULL, MODIFIED AND CYLINDER BORE

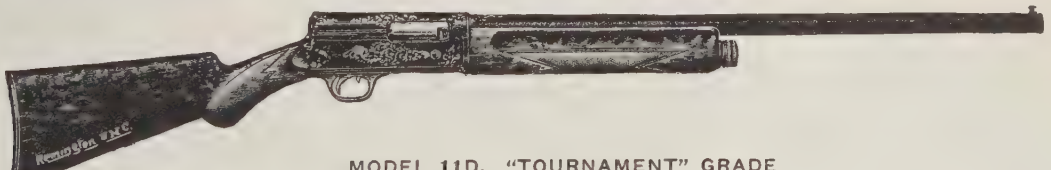
No. 11C—Trap Grade, Remington Blued Steel Barrel, "Take Down," Hammerless Repeater. Stock, English walnut, neatly heckered; straight grip and fore-end, checkered; 14¼ inches, drop 2¼ x 1½; 12 gauge only, 26, 28 and 30 inch $90.00

Raised Solid Rib 9.60

Ventilated Rib 15.60

Extra Barrel Fitted 25.45

***Note**—Any other length or drop of stock made to order at an advance of 16.00



MODEL 11D. "TOURNAMENT" GRADE

No. 11D—Tournament Grade, Remington Blued Steel Barrel, "Take Down," Hammerless Repeater. Fine English walnut lf pistol grip stock and fore-end checkered; matted receiver, neatly engraved; 14 inches long, drop 2½ x 1⅝; 12 gauge only, , 28 or 30 inch; 5 shot; full, modified or cylinder bore $160.00

***Note**—Nos. 11D, E or F supplied with any grip, length or drop desired, without additional charge.

Extra Barrel Fitted 29.65

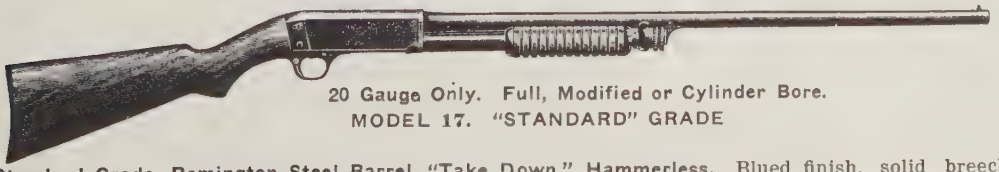
No. 11E—Expert Grade, high grade walnut, fancy engraving and checkering, silver name plate 235.00

Extra Barrel Fitted 40.20

No. 11F—Premier Grade, high grade walnut, fancy engraving and checkering, gold name plate 310.00

Extra Barrel Fitted 47.60

REMINGTON REPEATING SHOTGUNS



20 Gauge Only. Full, Modified or Cylinder Bore.
MODEL 17. "STANDARD" GRADE

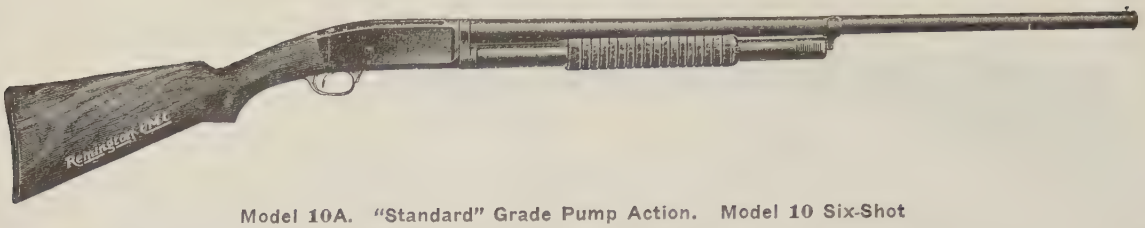
No. 17A—Standard Grade, Remington Steel Barrel, "Take Down," Hammerless. Blued finish, solid breech; half-pistol ip, stock and fore-end of American walnut; length of stock 13¾ inches, drop 2¾ inches x 1⅝ inches; made in 20 gauge only; rrel, 26, 28, 30 and 32 inches; weight 5¾ lbs.; 5 shot; takes a 2¾ inch shell ..... $ 52.50

. 17B—"Special Grade," imported walnut stock and fore-end checkered 85.00

. 17D—Tournament Grade, high grade walnut, fancy engraving and checkering 150.00

his page reproduced from Stoeger Catalog Edition No. 1, 1925.

REMINGTON REPEATING SHOTGUNS



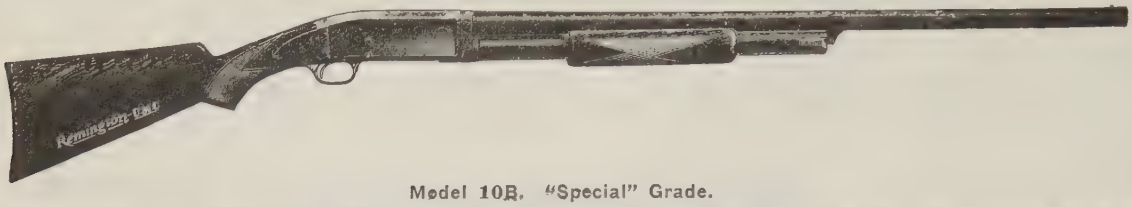
Model 10A. "Standard" Grade Pump Action. Model 10 Six-Shot

No. 10R—Riot Grade, 20-inch barrel, cylinder bore ..... Price, $52.50

No. 10A—Standard Grade, Remington Steel Barrel, "Take Down," Hammerless. Blued finish, solid breech; half-pistol grip; stock and fore-end of American walnut; length 13¾ inches; drop 2¾ x 1⅝ inches; 12 gauge only, 26 to 32-inch; weight 7½ pounds; six-shot; full, modified or cylinder bore 52.50

Note—Any other length or drop of stock made to order at an advance of 16.00

Note—Furnished with raised solid rib at an advance of 9.60



Model 10B. "Special" Grade.

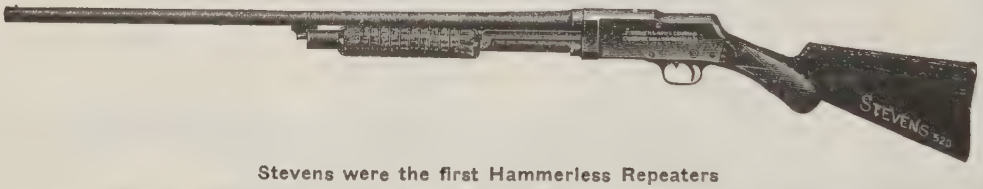
No. 10B—Special Grade, Remington Steel Barrel, "Take-Down," Hammerless. Blued finish, solid breech, selected imported walnut half-pistol grip stock and forearm, neatly checkered; dimensions same as No. 10A, furnished to order without extra charge; lengths from 13½ to 15 inches; drop, 2 to 3¼ inches; 12 gauge only, 26 to 32 inches; weight, 7¾ pounds; six-shot; full, modified or cylinder bore $85.00

Extra Barrel, complete with yoke and barrel lug for Models 10A or 10 B 24.75

Note—Any other length or drop of stock made to order at an advance of 16.00

Note—Furnished with raised solid rib at an advance of 9.60

STEVENS REPEATING SHOTGUN



Stevens were the first Hammerless Repeaters

No. 520. Take-Down, 12-Gauge, Weight about 7¾ lbs. Barrel—High-pressure compressed steel, bored for nitro powder, full choked, modified or cylinder—full choked under otherwise specified. Length 26, 28, 30 or 32 inches. Action—Hammerless; visible locking block; safety firing pin; independent safety; side ejection. Receiver—Drop forged; solid breech. Stock—Plain walnut; pistol grip; rubber buttplate; length 13¾ inches, drop 2⅝ inches. Ammunition—Any standard factory loaded shell up to 2¾ inches in length. Six shots—five in magazine, one in chamber ..... Price, $43.50

SAVAGE REPEATING SHOTGUNS

MODEL 21 REPEATING SHOTGUN

21-A. Standard Grade. 12 gauge only, Hammerless, "Take-Down," Solid Breech, moving parts enclosed, side ejection. Receiver channeled and matted in line of sight. Positive top tang safety. Action bar latch in trigger guard. Stock full pistol grip, varnish finish, 14 inches long, 2¾ inch drop at heel, and 1⅝ inch drop at comb. Government specifications of rifle barrel steel used in barrels. Made with 26-inch, 28-inch, 30-inch and 32-inch barrels, in cylinder, modified and full choke boring. Regularly furnished with 30-inch full choke barrel. Six shot capacity with 2¾-inch shell, 7 shots with 2⅝-inch shells. Weight about 7½ pounds ..... Price, $52.00

21-B. Standard Grade with Raised Matted Rib. 12 gauge. Same action as above with raised rib on barrel, making flat line of sight from receiver to end of barrel ..... Price, 62.00

21-C. Riot Gun. 12 gauge. Same specifications as 21-A Standard Grade, but with 20-inch cylinder bore barrel. For use by Police, Banks, Postoffice, and Industrial Organizations for protection and prevention of robbery, etc. ..... Price, 52.00

21-D. Trap Grade. 12 gauge. Same action as Standard Grade, especially finished. Furnished with matting on barrel or raised matted rib. Straight grip checkered stock and checkered action slide handle of selected American Walnut, varnish finish. Specifications of stock: 1¾ inch drop at heel, 1 8/16 inch drop at comb, 14 inches long, 30-inch full choke barrel bored specially for 7½ chilled shot. Weight 7½ pounds ..... Price, 71.00

REMINGTON MODEL 11 AUTOLOADING SHOTGUNS

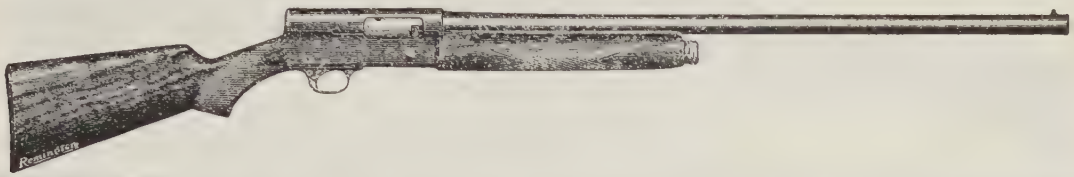
MADE IN 12 GAUGE ONLY

SOLID BREECH HAMMERLESS ABSOLUTE SAFETY TAKE DOWN

The Action of the Remington Autoloading Shotgun is powerful and sure. It handles the loaded and empty shell with uniform certainty. At the discharge, the barrel and breech bolt recoil, locked together, and cock the hammer. The recoil spring moves the barrel forward, unlocking and opening the breech and ejecting the empty shell. The carrier-latch is tripped by a shell from the magazine which is then inserted into the chamber, the breech is closed and locked by the action-spring and the gun is again ready to be fired.

The magazine holds four shells, which with one in the barrel, makes five shots at the shooter's command. The hammer is light and quick; the trigger pull is smooth and easy.

It's a long process to describe, but it works as fast as you can pull the trigger.



No. 11A. "Standard" Grade ..... Price $56.75

Five-shot repeater, 26, 28, 30 or 32 in. Remington steel barrel, full choke, option cylinder or modified, 28-in. barrel sent unless otherwise ordered. Not made longer than 32 inches. Half pistol grip stock of American walnut, regular dimensions 14 inches long, drop at heel 2½ inches, drop at comb 1⅝ inches. Any other length or drop of stock made to order at an advance of $15.05 net, requiring six to eight weeks. Weight about 8 pounds. Length over all 47½ inches. Take Down 30½ inches, with 28 inch barrel.

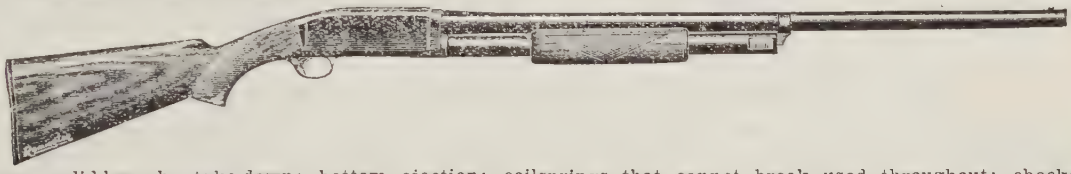
No. 11B. Special Grade ..... Price $84.35
No. 11C. Trap Grade ..... Price 84.35
No. 11D. Tournament Grade ..... Price 149.95
Autoloading Shotguns furnished with raised solid rib ..... Extra 8.30
Autoloading Shotguns furnished with a raised ventilated rib ..... Extra 14.60
Extra Barrel for Model 11A ..... Extra $19.70 Extra Barrel for Model 11B or 11 C ..... Extra 19.70

REMINGTON MODEL 29 PUMP ACTION REPEATING SHOTGUNS

MADE IN 12 GAUGE ONLY

SOLID BREECH HAMMERLESS ABSOLUTE SAFETY TAKE-DOWN

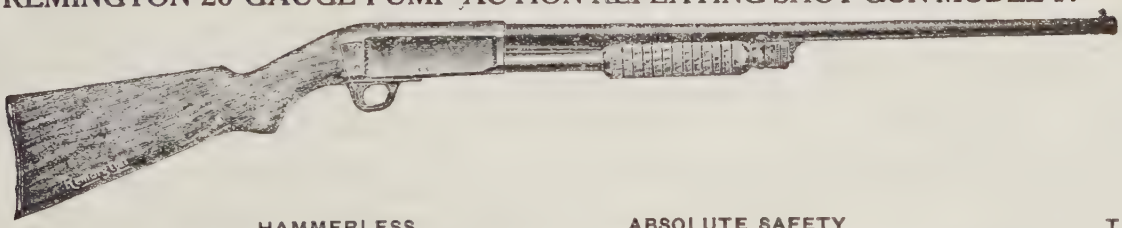
This gun embodies many new and novel features. It handles fast and balances perfectly. The operation of the mechanism causes no change in the exterior appearance of the gun. The rec iver is ABSOLUTELY SOLID. The hammerless feature and safety trigger mechanism prevents the explosion of the shell until the breech is fully locked.



Hammerless; solid-breech; take-down; bottom ejection; coilsprings that cannot break used throughout; checkered grip and fore-end; cross bolt safety; Remington steel barrel, 26,28,30 or 32 inch, full choke, modified choke, or cylinder bore. Top of receiver matted. American walnut stock and fore-end. Half pistol grip stock, regular dimensions 13¾ inches long, 2¾ inch drop at heel 1⅝ inch drop at comb; magazine holds five shells which, with one in the chamber, gives a capacity of six shots without reloading, weight about 7½ pounds; length over all, 49inches; taken down, 30 inches with 30 inch barrel.

No. 29 A. "Standard" Grade ..... Price $49.30
No. 29B. "Special" Grade ..... Price $79.65
No. 29T. Target Grade with Ventilated Rib ..... Price 140.00
No. 29R ..... Price $49.30

NEW REMINGTON 20 GAUGE PUMP ACTION REPEATING SHOT GUN MODEL 17



SOLID BREECH HAMMERLESS ABSOLUTE SAFETY TAKE-DOWN

MADE IN 20 GAUGE ONLY

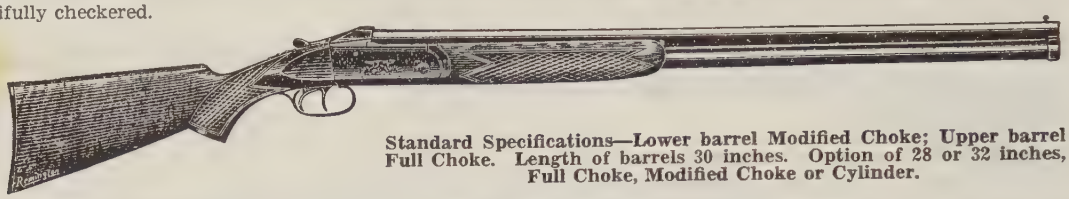
This new gun carries out all the popular features of the Remington Model 10-12 Gauge Repeating Shotgun and will recommend itself to all users of 12 gauge arms as well as to the vast numbers of shooters who want a small bore shot gun. It takes a 2¾ inch shell for powerful loads and it also embodies several other features which are not found in other shot guns of this gauge and type. Model 17 "Standard" Grade five shot repeater, 26, 28, 30 and 32 inch barrel, full choke, option of cylinder or modified, 28 inch sent unless specified. Stock dimensions half pistol grip,13¾ long, 2¾ drop at heel, 1⅝ at comb ..... Price $49.30
Model 17 furnished with raised solid rib ..... Extra $ 8.30
Matting Top surface of barrel ..... Extra $ 8.30

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Remington Shotguns

THE NEW REMINGTON MODEL 32 OVER-AND-UNDER GUN, 12 GAUGE ONLY

The first and only American-made Over-and-Under gun of modern design. No finer or stronger gun of this type available. Has exclusive features not found in other Over-and-Under guns at considerably higher prices. Its attractive appearance, smooth, graceful lines and superb balance will appeal to discriminating sportsmen. Smaller, stronger and better looking frame. Simple but sturdy construction. Upper and lower tangs made in one piece with frame. Special mounting of barrels to allow for uneven expansion and to insure shooting on center. Absence of side ribs eliminates heat waves and permits better pointing. Mechanism readily accessible. Automatic ejector. Selective three-way safety—automatic manual or inoperative. Heat treated frame for greater strength. Both sides of frame handsomely decorated. Grip and fore-end beautifully checkered.



Standard Specifications—Lower barrel Modified Choke; Upper barrel Full Choke. Length of barrels 30 inches. Option of 28 or 32 inches, Full Choke, Modified Choke or Cylinder.

The pioneer American-made Over and Under Gun. One barrel above the other gives the advantage of a single sighting plane; straight line recoil reduces recoil and whip of gun. Self adjusting barrels compensate for heat expansion. Automatic ejectors. Selective three-way safety. Simple take-down. Narrow grip—more natural. Ideal for Trap and Skeet shooting, especially on doubles. Attractively decorated receiver. Hand checkered, high grade Walnut stock and fore-end.

SPECIFICATIONS—No. 32A "Standard" Grade. Take down, hammerless. 12 gauge only. Standard length barrel 30 inches. Also furnished in 28 or 32 inch. Full choke, modified choke or cylinder bore. Standard boring—upper barrel full choke; lower barrel modified choke. Option of any other combination desired. Front trigger fires lower barrel; rear trigger fires upper barrel. Selected high grade curly walnut pistol grip stock and fore-end, both handsomely checkered. Top of frame matted and beautifully decorated on both sides. Regular stock dimensions, 14 inches long from front trigger, 2½ inches drop at heel and 1⅝ inches drop at comb. Weight, about 7½ pounds.

No. 32A.—"Standard Grade **$82.50**
Standard stock dimensions, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Half pistol grip. Any other dimensions, subject to extra charge of **16.45**

Raised solid matted rib, additional charge of **8.00**

Raised ventilated rib, additional charge of **20.40**

No. 32S.—"Trap Special" Grade with Raised Solid Rib **97.50**
Standard stock dimensions, 13⅜ inches long including Hawkin's recoil pad, 1⅞ inches drop at heel, 1½ inches drop at comb. Half pistol grip; option of straight grip. Any other dimensions, subject to extra charge of **16.45**

No. 32TC.—"Target" Grade with Ventilated Rib **110.00**
Standard stock dimensions, 14⅜ inches long including Hawkin's recoil pad, 1⅞ inches drop at heel, 1½ inches drop at comb. Full pistol grip with cap; option of straight grip. Any other dimensions subject to extra charge of **16.45**

NOTE—Only regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.

"THE SPORTSMAN" THREE SHOT GUN, 12, 16, AND 20 GAUGE

"The Sportsman" in beauty of design and workmanship delights every lover of fine guns. Its light weight and splendid balance make it swing and handle with amazing ease. Both sides of the receiver are handsomely decorated; the grip and fore-end are beautifully checkered by hand. All three gauges chambered for 2¾" shells. Has same features of construction as Remington Model 11 Autoloading Shotgun.

Standard Length Barrels—12 Ga. 28 inches, 16 and 20 Ga. 26 inches. Option of 26, 28, 30 or 32 inches. Cylinder, Modified or Full Choke.

SPECIFICATIONS—The Sportsman; Take down, hammerless, solid breech. 12, 16 and 20 gauges, 3 shots. Cross bolt safety, 26, 28, 30 or 32 inch barrel; cylinder, modified or full choke. Top of receiver matted and handsomely decorated on both sides. American walnut pistol grip stock and fore-end, both finely checkered. Barrel and receiver in rich, glossy black finish. Regular stock dimensions, 14 inches long, 2½ inches drop at heel, 1⅝ inches at comb. Weight, 20 gauge about 6½ pounds, 16 gauge about 7 pounds, 12 gauge about 7¾ pounds.

The Sportsman A.—Standard Grade **$53.40**
Extra barrel **19.80**

*Standard dimensions of stock, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Half pistol grip. Any other length or drop of stock made to order subject to additional charge of **16.45**

The Sportsman B.—"Special" Grade **79.20**
Extra barrel **19.80**
*Stock dimensions same as 11A

The Sportsman C.—"Trap" Grade **79.20**
Extra barrel **19.80**

*Standard dimensions of stock, 14¼ inches long, 2¼ inches drop at heel, 1½ inches drop at comb, straight grip. Any other length or drop of stock made to order subject to additional charge of **16.45**

The Sportsman D.—"Tournament" Grade **$143.00**
Extra barrel **26.40**

The Sportsman E.—"Expert" Grade **209.00**
Extra barrel **35.20**

The Sportsman F.—"Premier" Grade **275.00**
Extra barrel **41.80**

*Nos. 11 D, E, and F also supplied with any grip, length or drop desired without additional charge.

Raised solid matted rib, additional charge **8.00**

Raised ventilated rib, additional charge **14.30**

***NOTE—Only regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

Remington Shotguns

The New Remington Model 31 Side Ejection Repeating Shotgun—12 Gauge Only

The latest development in a repeating shotgun. Its perfect balance, ease, sureness and smoothness of operation, dependability, rugged construction, simplicity, attractive appearance and hard-shooting qualities are outstanding features demanded by the discriminating sportsman. It has many other features and refinements not found in other repeating shotguns. All three gauges chambered for 2¾" shells.

3-Shot Side Ejection
Made in 12 Gauge—Standard Length Barrel, 30 inches—Option of 26, 28, 30 or 32 inches—Cylinder, Modified or Full Choke.

SPECIFICATIONS—No. 31A Standard Grade. Side Ejection—hammerless—solid breech—take-down. 3-shot (two in the Magazine and one in the chamber). Also supplied in 5-shot capacity. Specify which is required. Cross bolt safety. 26, 28, 30 or 32 inch barrel—full choke, modified choke or cylinder bore. Top of receiver matted. American walnut stock and fore-end, both handsomely checkered. Regular stock dimensions 14" long, 2½" drop at heel and 1⅝" drop at comb; half pistol grip. Bakelite butt plate. Weight, 12 gauge about 7½ pounds.

No. 31A. "Standard" Grade **$47.90**
Extra barrel **18.70**

Standard dimensions of stock, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Half pistol grip. Any other length or drop of stock made to order at an additional charge of **16.45**

No. 31R. "Riot" Grade **47.90**

No. 31B. "Special" Grade **78.00**

Extra barrel **18.70**

Standard dimensions of stock same as 31A. Will furnish made to order drops from 2 inches to 3¼ inches at heel and 1½ to 1¾ inches at comb, and lengths from 13½ to 15 inches without extra charge. Stocks of dimensions outside of these limits will be subject to an additional charge of **16.45**

No. 31D. "Tournament" Grade **$136.40**
Extra barrel **27.50**

No. 31E. "Expert" Grade **204.60**
Extra barrel **35.20**

No. 31F. "Premier" Grade **272.80**
Extra barrel **41.80**

*Nos. 31, D, E and F supplied with any grip, length or drop desired without additional charge.

Raised solid matted rib, extra **8.00**

Matted top surface of barrel, extra **8.00**

Raised Ventilated Rib (12 Gauge only), extra **20.40**

***NOTE—Only regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.**

SPECIAL MODEL 31TC TRAP GUN WITH VENTILATED RIB AND SPECIAL LONG FOREND

The finest trap gun ever offered—at a surprisingly low price. Ventilated rib made in one piece with barrel. Fore-end specially designed for trap shooting. Easily loaded. Not muzzle light. No barrel whip. Light, snappy trigger pull. Short fore-end stroke. Coil springs throughout—no broken springs. Important safety features.

Standard Length Barrel, 30 inches; option of 28 or 32 inches. Full choke; option of modified choke or cylinder bore; 12 Gauge only.

SPECIFICATIONS—No. 31TC "Target" Grade. 3 or 5-shot capacity. Ventilated ribbed barrel; standard length 30"—option of 28 or 32". Full choke, modified choke or cylinder bore. Front and rear sights. Specially designed fore-end—not extension Type '. Hawkins recoil pad. Checkered stock and fore-end of selected high grade walnut. Standard stock dimensions, 14⅜" long over all, 1⅞" drop at heel, 1½" drop at comb. Full pistol grip with rubber cap; option of straight grip. Weight, about 8 pounds.

No. 31TC. "Target" Grade with Ventilated Rib **$82.50**

Extra barrel with Ventilated Rib **39.10**

Standard stock dimensions, 14⅜ inches long including Hawkin's recoil pad, 1⅞ inches drop at heel, 1½ inches drop at comb. **Full pistol grip with cap;** option of straight grip. **Choice high grade walnut stock and fore-end.**

***NOTE—Only regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.**

No. 31S. "Trap Special" Grade with Raised Solid Rib or matted top surface of barrel **$64.90**
Extra barrel, matted or with Raised Solid Rib **26.70**

*Standard stock dimensions, 14⅜ inches long including Hawkin's recoil pad, 1⅞ inches drop at heel, 1½ inches drop at comb. **Half pistol grip;** option of straight grip. **American walnut stock and fore-end.**

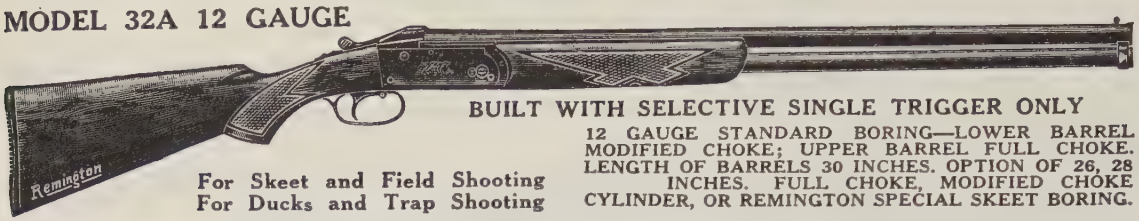
Shortening regular stock up to 1 inch, Nos. 31TC or 31S, extra **2.60**

***Special drop or greater length of stock, Nos. 31TC or 31S, extra** **16.45**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

REMINGTON OVER AND UNDER SHOTGUNS

MODEL 32A 12 GAUGE



BUILT WITH SELECTIVE SINGLE TRIGGER ONLY

12 GAUGE STANDARD BORING—LOWER BARREL MODIFIED CHOKE; UPPER BARREL FULL CHOKE. LENGTH OF BARRELS 30 INCHES. OPTION OF 26, 28 INCHES. FULL CHOKE, MODIFIED CHOKE CYLINDER, OR REMINGTON SPECIAL SKEET BORING.

For Skeet and Field Shooting
For Ducks and Trap Shooting

The first American-made Over-and-Under gun. No finer or stronger gun of this type available. Has exclusive features not found in imported Over-and-Under guns at considerably higher prices. Its attractive appearance, smooth graceful lines and superb balance will appeal to discriminating sportsmen. Smaller, stronger and better looking frame. Simple but sturdy construction. Upper and lower tangs made in one piece with frame. Special mounting of barrels to allow for uneven expansion and to insure shooting on center. Absence of side ribs eliminates heat waves and permits better pointing. Mechanism readily accessible. Automatic ejectors. Selective three-way safety—automatic, manual or inoperative. Heat treated frame for greater strength. Both sides of frame handsomely decorated. Grip and fore-end beautifully checkered.

One barrel above the other gives the advantage of a single sighting plane; straight line recoil reduces recoil and whip of gun. Simple take-down. Narrow-grip—more natural. Ideal for Trap and Skeet shooting, especially on doubles.

SPECIFICATIONS

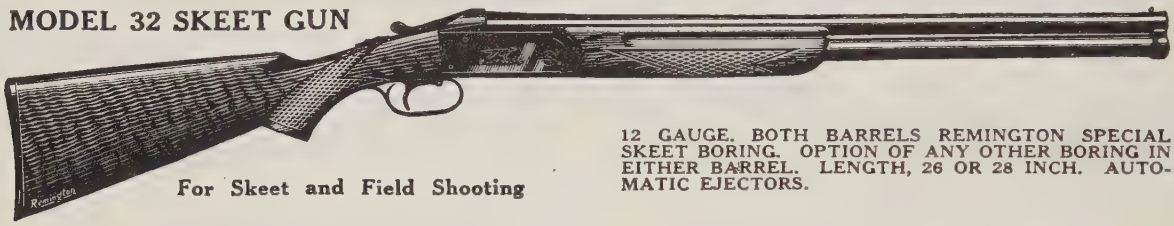
No. 32A Standard Grade. Take-down, hammerless, automatic ejectors, 12 gauge only. Standard length barrels 30 inches; also furnished in 26, 28, inches. Full choke, modified choke, improved cylinder or true cylinder bore. Option of any combination desired. Selective single trigger. Walnut pistol-grip stock and fore-end, both handsomely checkered. Top of main bolt is matted and both sides of frame are decorated. Regular stock dimensions 14 inches long, 2½ inches drop at heel, and 1⅝ inches drop at comb. Bakelite butt plate. Weight about 7½ lbs.

No. 32A—"Standard" Grade	**$127.13**
Extra pair of barrels	**60.54**
*Standard stock dimensions, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Half pistol grip. Any other dimensions, subject to extra charge of	**15.14**
No. 32D—"Tournament" Grade	**278.99**
No. 32E—"Expert" Grade	**329.44**
No. 32F—"Premeir" Grade	**415.20**

Nos. 32D, E, F also supplied with any grip, length or drop desired without additional charge.

Raised solid matted rib, extra	**8.07**

MODEL 32 SKEET GUN



12 GAUGE. BOTH BARRELS REMINGTON SPECIAL SKEET BORING. OPTION OF ANY OTHER BORING IN EITHER BARREL. LENGTH, 26 OR 28 INCH. AUTOMATIC EJECTORS.

For Skeet and Field Shooting

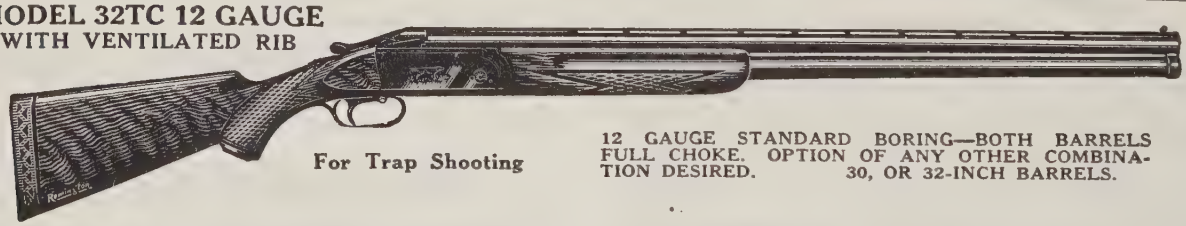
This is the coming gun for Skeet shooting. Its popularity is rapidly increasing. Particularly fine on Skeet "doubles" shots. Straight line recoil of lower barrel leaves the shooter ready without disturbance for his second shot immediately after breaking the first target. Single sighting plane permits the most accurate pointing. Perfect balance. Remington Selective Single Trigger absolutely dependable. Remington Special Skeet Boring in both barrels assures well distributed shot patterns at all Skeet ranges. Lower barrel is marked "out" for use on outgoing target. Upper barrel is marked "in" for use on incoming target.

No. 32. "Skeet" Grade with plain barrel	**$130.16**
No. 32. "Skeet" Grade with raised solid rib	**138.23**
No. 32. "Skeet" Grade with ventilated rib	**150.74**
Shortening regular stock up to 1 inch, extra	**4.44**
Special drop or greater length of stock, extra	**15.14**

SPECIFICATIONS

No. 32 Skeet Grade (26-inch barrels). Take-down, hammerless, automatic ejectors, 12 gauge only. Standard length barrels 26 inches; also furnished in 28, inches. Standard boring, both barrels Remington Special Skeet Boring. Lower barrel marked "out" for use on outgoing target, upper barrel marked "in" for incoming target. Option of any other combination of borings desired. Single trigger. Selected, high-grade walnut pistol-grip stock and fore-end, both handsomely checkered. Top of main bolt is matted and both sides of frame are decorated. Regular stock dimensions 14 inches long from front trigger, 2½ inches drop at heel, and 1⅝ inches drop at comb. Bakelite butt plate. Weight about 7½ pounds. Half pistol grip. Beaver tail fore-end.

MODEL 32TC 12 GAUGE
WITH VENTILATED RIB



12 GAUGE STANDARD BORING—BOTH BARRELS FULL CHOKE. OPTION OF ANY OTHER COMBINATION DESIRED. 30, OR 32-INCH BARRELS.

For Trap Shooting

The "OVER and UNDER" barrel construction of this gun offers a single sighting plane which permits more accurate pointing. Straight line recoil of the lower barrel eliminates barrel whip. Special features for the trapshooter include the raised ventilated rib which is integral with the barrel, the stock and fore-end which are especially designed for trapshooting, the full pistol grip, soft rubber recoil pad, and Remington Selective Single Trigger.

SPECIFICATIONS

Model 32TC Target Grade with raised ventilated matted rib. Take-down, hammerless, automatic ejectors, 12 gauge only. Choice of 30 or 32-inch barrels. Standard boring—both barrels full choke. Option of any other combination desired. Front and rear sights. Hawkins recoil pad. Selected high-grade, curly walnut stock and fore-end, both handsomely checkered. Top of main bolt is matted and both sides of frame are decorated. Standard stock dimensions 14⅜ inches long over all, 1⅞ inches drop at heel and 1½ inches drop at comb. Full pistol grip with rubber cap; option of straight grip. Will furnish made-to-order lengths from 13½ to 15 inches without extra charge. Weight about 8¼ pounds.

No. 32TC—"Target" Grade with Ventilated rib, Selective Single Trigger and Beaver Tail Fore-end (as illustrated)	**$156.29**
Stock with dimensions outside of prescribed limits, No. 32T, extra	**15.14**

NOTE—Only Regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.

REMINGTON AUTOLOADING SHOTGUNS

3-SHOT—12, 16 AND 20 GAUGES

"SPORTSMAN" TAKEDOWN

For Skeet and Field Shooting
For Traps and Duck Shooting

STANDARD LENGTH BARRELS—12 GA. 28 IN., 16 AND 20 GA. 26 IN. OPTION OF 26, 28, 30 OR 32 IN. CYLINDER, MODIFIED, FULL CHOKE, OR REMINGTON SPECIAL SKEET BORING

Like most Remingtons, the "Sportsman" is of the takedown type, hammerless, with solid breech. It has what is admitted to be the most effective, positive safety feature of any gun—the Cross Bolt Safety, which is conveniently located in rear of the trigger guard for quick operation.

Beyond any shadow of doubt the "Sportsman" has the fastest action of any shotgun ever built.

The strong action and recoil springs prolong the life of the gun and reduce recoil.

There is a special friction ring device to reduce recoil of heavy loads to the very minimum; a fibre cushion is located at the back of the receiver to absorb the shock of recoiling parts. Additional features that further endear this "aristocrat of shotguns" to gun connoisseurs in particular, are the reinforced fore-end, locked breech to give maximum shooting qualities, barrel guide ring with long bearing surface to prevent buckling, loading or unloading of magazine without removing shell from the chamber—or removal of loaded shell from the chamber without disturbing those in the magazine.

The Sportsman A—"Standard" Grade $52.42
Extra barrel 19.98

*Standard dimensions of stock, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Half pistol grip. Any other length or stock made to order subject to additional charge of 15.14

The Sportsman B—"Special" Grade 57.26
Extra barrel 19.98

*Stock dimensions same as 11A.

*Standard dimensions of stock, 14⅜ inches long, 2¼ inches drop at heel, 1½ inches drop at comb. Straight grip option of half pistol grip. Any other length or drop of stock made to order subject to additional charge of $15.14

The Sportsman D—"Tournament" Grade 147.82
Extra barrel 26.64

The Sportsman E—"Expert" Grade 214.41
Extra barrel 35.52

The Sportsman F—"Premier" Grade 281.01
Extra barrel 42.18

Grades D, E and F also supplied with any grip, length or drop desired without additional charge.

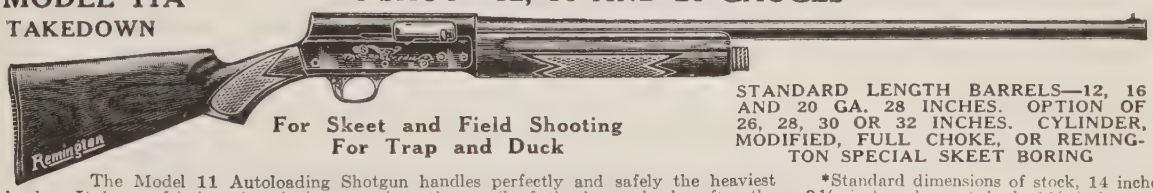
Raised solid matted rib, extra 8.07
Raised ventilated rib, extra 14.43
Remington special long range choke boring (12 ga. only 30 or 32 ins.) extra 4.44

SPECIFICATIONS

The Sportsman. Take-down, hammerless, solid breech; 12, 16 and 20 gauges, 3 shots (2 in the magazine and 1 in the chamber). Cross bolt safety (reversed for left-handed shooters at no extra charge) 26, 28, 30 or 32-inch barrel; cylinder, modified or full choke. Top of receiver matted and both sides handsomely decorated. American walnut pistol grip stock and fore-end, both finely checkered. Barrel and receiver in rich, glossy black finish. Stock dimensions, 14 inches long, 2½ inches drop at heel, 1⅝ inches at comb. Weight, 20 gauge, about 6¾ pounds; 16 gauge, about 7 pounds; 12 gauge, about 7¾ pounds.

MODEL 11A TAKEDOWN

5-SHOT—12, 16 AND 20 GAUGES



For Skeet and Field Shooting
For Trap and Duck

STANDARD LENGTH BARRELS—12, 16 AND 20 GA. 28 INCHES. OPTION OF 26, 28, 30 OR 32 INCHES. CYLINDER, MODIFIED, FULL CHOKE, OR REMINGTON SPECIAL SKEET BORING

The Model 11 Autoloading Shotgun handles perfectly and safely the heaviest long range loads. It has a friction ring device to reduce the recoil of the heavy loads, after the fashion of the shock absorbers on automobiles. A fibre cushion at the back of the receiver still further takes up the shock and makes for durability and long life in the gun.

A decided advantage in this Remington Autoloader is the fact that a loaded shell may be removed from the chamber without disturbing shells in the magazine. Furthermore, the magazine may be filled or unloaded without removing shell from the chamber.

In the Model 11 there is no loss of power of the shot charge in the operation of the mechanism. The barrel and the breech bolt are locked together until after the shot leaves the muzzle; the gun being full recoil operated.

Heavy action and recoil springs materially prolong gun life and reduce recoil. The fore-end is reinforced; the solid breech provides added protection. The barrel guide ring has long bearing surface to prevent buckling.

The Remington Model 11 and "Sportsman" are the only autoloaders, made in 16 gauge to take the Kleanbore Auto Express load in 2¾-inch shell. This splendid 16-gauge load gives 12 gauge results because it exceeds 3¼ drams of progressive burning powder and 1⅛ ounces of shot.

SPECIFICATIONS

No. 11A "Standard" Grade. Chambered for 2¾-inch shells. Take-down, hammerless, solid breech; 12, 16 and 20 gauges, 5 shots. 3-shot magazine plug at no extra charge. Cross bolt safety; 26, 28, 30 or 32-inch barrel, cylinder, modified or full choke. Top of receiver matted. American walnut pistol grip stock, and fore-end, both finely checkered. Regular stock dimensions 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Weight, 12 gauge, about 7¾ pounds; 16 gauge, about 7 pounds; 20 gauge, about 6¾ pounds.

No. 11R—"Riot" Grade, 20-inch barrel $52.42
No. 11A—"Standard" Grade 52.42
Extra barrel 19.98

*Standard dimensions of stock, 14 inches long, 2½ inches drop at heel, 1⅝ inches at comb. Half pistol grip. Any other length or drop of stock made to order subject to additional charge of $15.14

No. 11B—"Special" Grade 57.26
Extra barrel 19.98

*Stock dimensions same as 11A.

*Standard dimensions of stock, 14⅜ inches long, 2¼ inches drop at heel, 1½ inches drop at comb. Straight grip, option of half pistol grip. Any other length or drop of stock made to order subject to additional charge of 15.14

No. 11D—"Tournament" Grade 147.82
Extra barrel 26.64

No. 11E—"Expert" Grade 214.41
Extra barrel 35.32

No. 11F—"Premier" Grade 281.01
Extra barrel 42.18

Nos. 11D, E and F also supplied with any grip, length or drop desired without additional charge.

Raised solid matted rib, extra 8.07
Raised ventilated rib, extra 14.43
Remington special long range choke boring, (12 ga. only 30 or 32 ins.) extra 4.44

*Note—Only Regular dimensions carried in stock. Special stocks require from five to eight weeks to make and orders for such are POSITIVELY NOT SUBJECT TO CANCELLATION.

"SPORTSMAN" SKEET GUN 3-SHOT—12, 16, AND 20 GAUGES

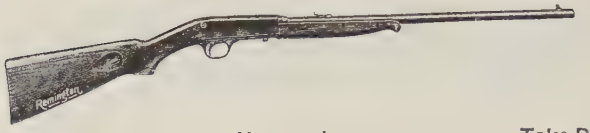
The "Sportsman" is the ideal gun for Skeet. Nothing so attests the fine performance of the "Sportsman" as its popularity in the hands of the great army of Skeet shooters. The "Sportsman" is the main reliance of a great many expert Skeet shots. Easy to load, easy to operate, light in weight, perfectly balanced, this three-shot autoloader combines greater accuracy with faster handling, less recoil. Remington special skeet boring assures well distributed shot patterns at all skeet ranges. The shot spreads sufficiently for the close incoming targets and holds together uniformly for the speedy outgoers.

SPECIFICATIONS: Sportsman "Skeet" Grade, Takedown, hammerless, solid breech. Chambered for 2¾ inch shells. Cross bolt safety. Top of receiver matted and both sides decorated. Raised ventilated rib. American walnut stock and fore-end, both finely checkered. Full pistol grip with rubber cap. Walnut colored Bakelite butt plate. Lyman ivory bead front sight. White metal rear sight on ribbed barrels only. Beaver Tail fore-end. Weight, 20 gauge, about 7 pounds; 16 gauge, about 7½ pounds; 12 gauge, about 8¼ pounds. Standard length barrel, 26 inches. Option of 28, 30, or 32 inches. Remington Special Skeet Boring. Option of any other boring desired.

The Sportsman "Skeet" Grade, with ventilated rib (standard) $74.16
The Sportsman "Skeet" Grade, with raised solid rib 67.80
The Sportsman "Skeet" Grade, with plain barrel .. 59.73

REMINGTON RIFLES

REMINGTON MODEL 24



Solid Breech Hammerless Take-Down

No. 24—The first autoloading rifle made to handle successfully the standard .22 caliber short Lesmok and smokeless **greased** cartridges. Magazine in stock holds 15 .22 short cartridges and an extra cartridge in the chamber; also supplied for .22 long rifle cartridges, magazine holds ten; 19 inch Remington steel barrel with 24-inch twist; half-pistol grip, walnut stock fitted with metal butt plate; weight 4¾ pounds; screw adjusable straight bar rear sight and white metal bead front sight; length over all 37 inches, taken down 19 inches. Cross bolt safety locks the trigger ....**Price, $28.00**

REMINGTON MODEL 12A

No. 12A "Standard" Grade

No. 12A—"Standard" Grade. Chambered to take without any adjustment .22 short, .22 long and .22 long rifle cartridges. Magazine holds 15 .22 short, 12 .22 long and 10 .22 long rifle cartridges. 22 inch Remington steel round barrel with 16 inch twist; straight grip, walnut stock, fitted with rubber butt plate. Cross bolt safety locks the trigger. Weight 4½ pounds. Also furnished rifled with 24 inch twist, and chambered for .22 short only, without extra charge. Sights regularly furnished; screw adjustable straight bar rear sight, white metal bead sporting front sight. Length over all 39½ inches, length taken down 25½ inches .....**Price, $22.00**

REMINGTON MODEL 12B

No. 12B "Gallery Special" Grade

Solid Breech Hammerless Take-Down

No. 12B—"Gallery Special." Chambered for .22 short only. Magazine holds 16 short cartridges. 24 inch Remington steel octagon barrel, with 24 inch twist; half-pistol grip, walnut stock fitted with steel rifle butt plate. Cross bolt safety locks the trigger. Weight 5½ pounds. Sights same as No. 12A. Length over all 42 inches, length taken down, 27½ inches. Extra long magazine to hold 25 .22 short cartridges at an advance of $3.75 List ....**Price, $25.55**

REMINGTON MODEL 12C

No. 12C "Target" Grade

Solid Breech Hammerless Take-Down

No. 12C—"Target." Chambered to take without any adjustment .22 short, .22 long and .22 long rifle cartridges. Magazine holds 16 short, 12 long and 11 long rifle cartridges. 24 inch Remington steel octagon barrel with 16 inch twist; half pistol grip, walnut stock fitted with steel rifle butt plate. Cross bolt safety locks the trigger. Weight 5½ pounds. Sights same as No. 12A. Length same as No. 12B ....**Price, $25.55**

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REMINGTON RIFLES

REMINGTON MODEL 12CS

No. 12 CS "Remington Special" Grade

Solid Breech Hammerless Take-Down

No. 12CS—"Remingon Special." Chambered only for the 22 Remington Special cartridge (.22 W. R. F.). Magazine holds nine cartridges. 24 inch Remington steel octagon barrel with 16 inch twist; half pistol grip, walnut stock fitted with steel rifle butt plate; weight 5½ pounds. Sights same as No. 12A ..... Price, $25.55

REMINGTON MODEL 14 REPEATING RIFLE

High Power—Slide Action

No. 14A "Standard" Grade

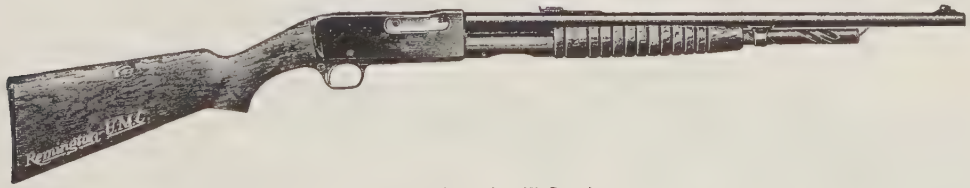
Made in .25 Rem., .30 Rem., .32 Rem., and .35 Rem. calibers

Solid Breech Hammerless Take-Down

No. 14A—"Standard" Grade. 22 inch Ordnance steel barrel; half pistol grip, stock of American walnut, fitted with Rifle metal butt plate. Patented quick adjustable buckhorn step rear sight and new design shaded bead front sight. Magazine holds five cartridges, which, with one in the chamber, gives a capacity of six shots without reloading. Cross bolt safety locks the trigger. Length over all 41 inches; length taken down 27½ inches. Weight about 6¾ lbs. ..... Price, $49.50

MODEL 25 SLIDE ACTION REPEATING RIFLE

Chambered only for .25-20 Winchester, Marlin and Remington or .32 Winchester, Marlin and Remington Center-Fire Cartridges. Hi-Speed and Regular Cartridges.



No. 25A "Standard" Grade

Solid Breech Hammerless Take-Down

No. 25A—Standard Grade. 24-inch special Remington steel round barrel, with 20-inch twist. American walnut stock and fore-end. Half pistol grip; rifle style steel butt plate. Sights regularly furnished: step adjustable buckhorn rear sight, and white metal bead front sight. Magazine holds 10 cartridges loaded through the door on the right side of action bar. Opening shows whether magazine is loaded or empty. Cross-bolt type of safety, conveniently located in rear of trigger guard. Weight, about 5½ pounds. Length over all, 41½ inches. Length taken down, 28 inches. ..... Price, $38.00

Model 25 supplied in higher grades, corresponding to those of Model 14, on special order.

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Remington Rifles

MODEL 8A. AUTO LOADING STANDARD GRADE

This self-loading 5-shot repeating rifle is one of the most perfect hunting rifles ever produced. The recoil is utilized to reload, which reduces the shock, and adds to the pleasure of shooting. The breech is locked by turning bolt. Remington is now producing new Hi Speed Cartridges for this arm; they have high velocity, low trajectory and great killing power.

Chambered only for 25 Rem., 30 Rem., 32 Rem., or 35 Rem. cartridges; all rimless and center fire.

Specifications—Standard 22 inch "Ordnance" steel barrel, straight grip stock of American Walnut, fitted with Rifle style steel butt plate. Weight 7 3-4 lbs. Trigger pull exceptionally light. Sight regularly furnished; adjustable buck-horn step rear sight, special shaded steel bead front sight. Length over all 41½ inches; length taken down 23 inches. Magazine holds 5 cartridges.

No. 8A.....Price **$58.10**

No. 8C—Same as 8A but with checkered imported walnut stock and forearm.....Price **84.35**

No. 8D. Fine English Walnut stock and fore-arm, finely checkered, scroll engraving .....Price **$149.95**

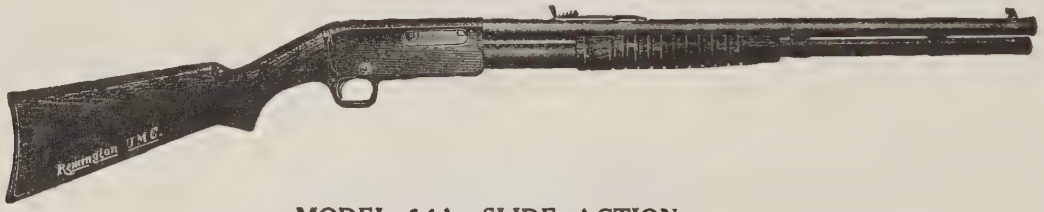
No. 8E. Best English Walnut stock and fore-arm, extra checkering, fine scroll engraving, silver name-plate .....Price **$219.95**

No. 8F. Circassian Walnut stock and fore-arm finely checkered, engraved, gold name plate .....Price **$290.40**

Half Pistol Grip furnished at extra charge of.....Price **$3.45**

The last word in the development of the High-Power Sporting Rifle. This high power slide action repeating rifle by far excels other repeating rifles in rapidity of fire strength, simplicity, light weight and general attractiveness.

Chambered only for 25 Rem., 30 Rem., 32 Rem., or 35 Rem., cartridges same as used in Model 8A.



MODEL 14A. SLIDE ACTION STANDARD GRADE

No. 14A. Standard Grade—Six Shot Repeater.....Price **$44.35**

Specifications—22 inch ordnance steel barrel; half-pistol grip, stock and forearm of American walnut, fitted with rifle style steel butt plate. Adjustable buck-horn step rear sight and new design white metal bead front sight. Weight 6¾ lbs. Length over all 41 inches; length taken down 27½ inches.

No. 14C. "Special Grade'.....Price **$75.00**

No. 14R. Carbine.....Price **44.35**

No. 14½ A. Standard Grade.....Price **29.95**

NOTE: 14½ A is similar to 14 but chambered only for .44 Rem. (.44 W. C. F.)

MODEL 30 BOLT ACTION RIFLE

No. 30 Bolt Action Rifle.....Price **$47.95**

No. 30 Express Carbine (20 inch barrel).....Price **44.25**

Chambered for the .30 caliber Springfield Model 1906 United States Army Service Cartridge. Any cartridge listed for use in the United States Army rifle, whether service, target or sporting, will function satisfactorily in this arm.

Web adjustable sling strap with hooks furnished at extra charge of **$2.00**

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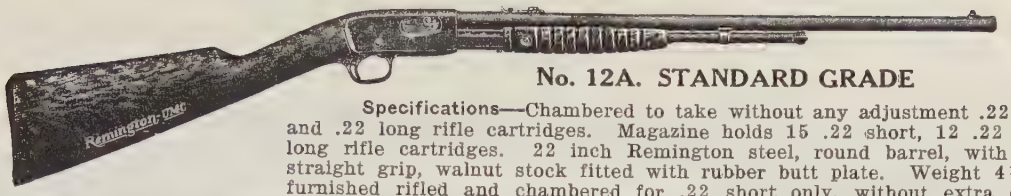
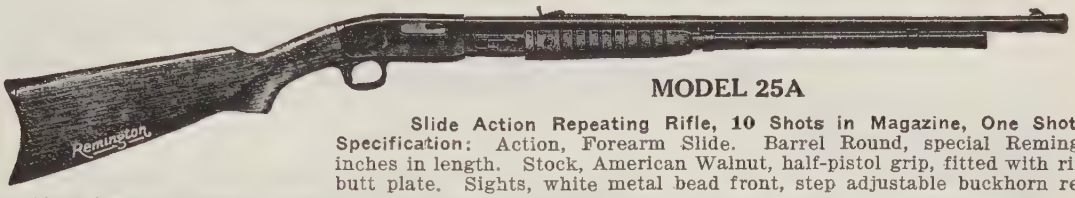
Remington Rifles



No. 12A. STANDARD GRADE

Specifications—Chambered to take without any adjustment .22 short, .22 long and .22 long rifle cartridges. Magazine holds 15 .22 short, 12 .22 long or 10 .22 long rifle cartridges. 22 inch Remington steel, round barrel, with 16-inch twist; straight grip, walnut stock fitted with rubber butt plate. Weight 4½ pounds, also furnished rifled and chambered for .22 short only, without extra charge. Sights ularly furnished; rear sight with screw adjustment for elevation, white metal bead sporting front sight. Length over all 39½ inches, length taken down 25½ inches.

No. 12 A.	**Standard Grade**	**Price $19.85**
No. 12 B.	**"Gallery Special" Grade** (chambered for .22 short only)	**Price 22.85**
No. 12 C.	**"Target" Grade** (chambered for .22 short, .22 long and .22 long rifle)	**Price 22.85**
No. 12 CS.	**"Remington Special" Grade** (chambered for .22 Remington Special—.22 W. R. F.—cartridge only)	**Price 22.85**
No. 12 D.	**"Peerless" Grade** (chambered for .22 short, .22 long and .22 long rifle, or .22 short only)	**Price 65.65**
No. 12 E.	**"Expert" Grade** (chambered for .22 short, .22 long and .22 long rifle, or .22 short only)	**Price 98.40**
No. 12 F.	**"Premier" Grade** (chambered for .22 short, .22 long and .22 long rifle, or .22 short only)	**Price 121.90**
No. 12 C.	**"N. R. A. Target" Grade** (chambered for .22 long rifle only)	**Price 32.85**
Nos. 12 DS, 12 ES and 12 FS.	(chambered for .22 Remington Special cartridge, same prices as 12D, 12E, 12F)	



MODEL 25A

Slide Action Repeating Rifle, 10 Shots in Magazine, One Shot in Chamber.

Specification: Action, Forearm Slide. Barrel Round, special Remington Steel 24 inches in length. Stock, American Walnut, half-pistol grip, fitted with rifle style, steel butt plate. Sights, white metal bead front, step adjustable buckhorn rear. Magazine capacity, 10 cartridges loaded through a door on right side. Opening shows whether magazine is loaded or empty. Take-Down quick to operate. Strong and rigid when assembled. Safety-cross-bolt in rear of trigger guard. Lght. over all 41½". Wght. 5½ lbs.

No. 25 A.	**Calibers 25-20 and .32 W. C. F.**	**Price $29.95**
No. 25 C.	**"Special" Grade**	**Price $51.45**
No. 25 D.	**"Peerless" Grade**	**Price 89.00**
No. 25 F.	**"Premier" Grade**	**Price 145.30**
No. 25 R.	**Carbine** (18" bbl., Mag. Cap. 6 shots)	**Price 29.95**

MODEL 24A

.22 Caliber Auto Loading Rifle

Specification: Furnished for .22 Short only or .22 Long Rifle Cartridge only. Both sizes cannot be used in same rifle. Specify which size is desired. When chambered for .22 Short, magazine holds 15 cartridges and when chambered for Long Rifle, 10 cartridges. Length over all 37 inches. Length of barrel 19 inches; length taken down 19 inches; weight about 4¾ pounds; screw adjustable straight bar rear sight and white metal bead front sight; bottom ejection. The empty shells are ejected through an opening in the bottom of receiver.

No. 24 A.	**"Standard" Grade**	**Price 25.45**
No. 24 C.	**"Special" Grade**	**Price 42.40**
No. 24 D.	**"Peerless" Grade**	**Price 75.00**
No. 24 E.	**"Expert" Grade**	**Price 107.90**
No. 24 F.	**"Premier" Grade**	**Price 131.25**

MODEL 6

Specifications—20 inch Remington steel, round, tapered barrel, accurately bored and rifled. Frame made from one solid piece of steel. Coil Springs that cannot break—used throughout. Longer fore-end than the old model and properly shaped. An important safety feature—rifle cannot be loaded unless the hammer is at half cock, or in safe position. Genuine walnut stock and fore-end. Barrel detached by loosening thumb screw. Length over all, 33½" Length taken down 20". **Price $5.50**

MODEL 4—SINGLE SHOT TAKE DOWN

Made for the following rim fire cartridges, .22 Short, .22 Long, .22 Long Rifle, .25 Stevens, .32 Short and .32 Long. Also in smooth bore for .22 or .32 Rim-fire shot cartridges. 22½" round, tapered barrel, Walnut stock and forend; finely finished butt plate; automatic shell ejector. Length, over all, 38½". Weight, 4¼ lbs ..... **Price $9.95**

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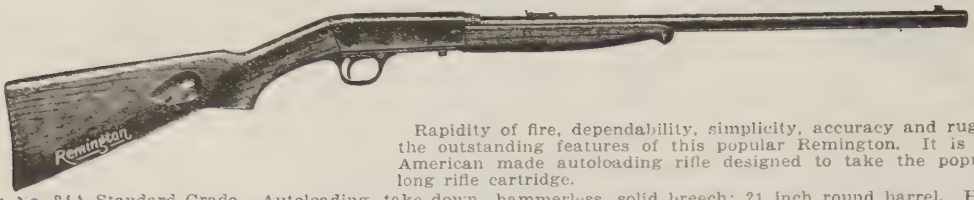
Remington Rifles

REMINGTON MODEL 24A STANDARD GRADE AUTOLOADING RIFLE
.22 CALIBER

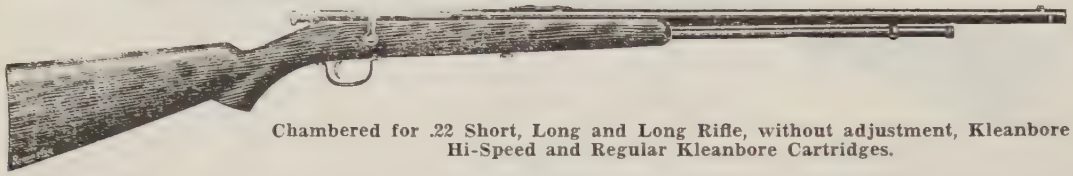


Rapidity of fire, dependability, simplicity, accuracy and rugged construction are the outstanding features of this popular Remington. It is the only high grade American made autoloading rifle designed to take the popular .22 short or .22 long rifle cartridge.

SPECIFICATIONS: No. 24A Standard Grade. Autoloading, take down, hammerless, solid breech; 21 inch round barrel. Half pistol grip, stock of American walnut, steel butt plate. Chambered for regular .22 Short, also for .22 Long Rifle cartridge. When ordering, **specifically mention caliber wanted, either .22 short or .22 Long Rifle.)** .22 Short magazine holds 15 cartridges. .22 Long Rifle magazine holds 10 cartridges. Rear sight with screw adjustment for elevation. White metal bead front sight. Length taken down 21 inches. Weight—About 5 lbs.

No. 24A. "Standard" Grade **$28.00**
No. 24C. "Special" Grade **47.30**
No. 24D. "Peerless" Grade **82.50**
No. 24E. "Expert" Grade **$118.80**
No. 24F. "Premier" Grade **144.10**

THE NEW REMINGTON MODEL 34 BOLT ACTION REPEATING RIFLE .22 CALIBER



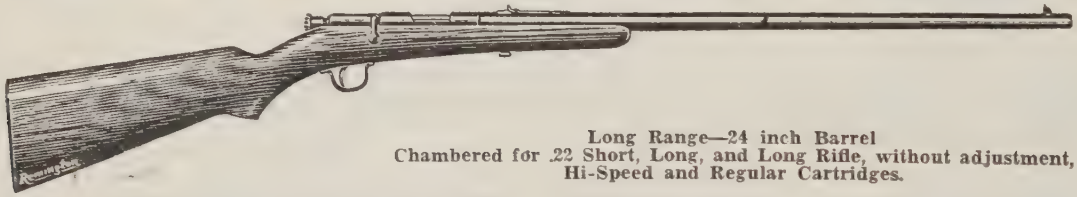
Chambered for .22 Short, Long and Long Rifle, without adjustment, Kleanbore Hi-Speed and Regular Kleanbore Cartridges.

A low priced repeating rifle of the highest quality. Best of workmanship and design. Double locking lugs, heat treated. Shrouded bolt. Tubular magazine. Perfectly balanced. Extremely accurate. Simple durable construction. Handles the new Hi-Speed cartridges, including the .22 long rifle Palma Hi-Speed. Special Safety features. Positive feeding in direct line with chamber. Cocks on opening of bolt. Exceptionally short firing pin travel. Rebounding striker. Smooth, easy action. Brass inner magazine tube. Bolt readily removed without dismounting rifle.

SPECIFICATIONS: No. 34. Take-down. 24" round tapered barrel. Genuine American walnut stock. Automatic shell ejector. Chambered to take without adjustment .22 short, .22 long and .22 long rifle regular and Hi-Speed cartridges. Magazine holds twenty-two short, seventeen long or fifteen long rifle cartridges. Shotgun style steel butt plate. White metal bead front sight; step adjustable rear sight. Length over-all 42¼". Weight about 5¼ pounds.

No. 34 Bolt Action Repeating Rifle **$14.60**

REMINGTON SINGLE SHOT Model o. 33 BOLT ACTION — .22 CALIBER RIFLE

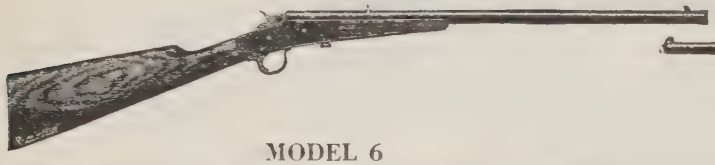


Long Range—24 inch Barrel
Chambered for .22 Short, Long, and Long Rifle, without adjustment, Hi-Speed and Regular Cartridges.

This rifle is one of outstanding value. Its evident quality, design and appearance at such a low price make it a leader in the .22 caliber bolt action class. Sturdily constructed to handle the new Hi-Speed cartridges including the .22 long rifle Palma Hi-Speed. Double locking lugs for extreme accuracy and safety. Long tapered barrel. Special safety features.

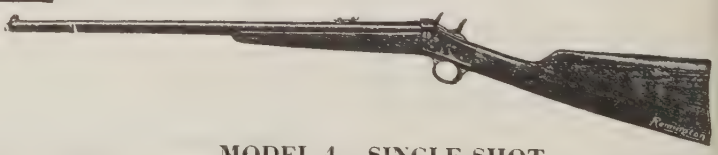
SPECIFICATIONS: No. 33. Take down; 24" tapered barrel; genuine American walnut stock; automatic shell ejector; chambered for .22 Short .22 long and .22 long rifle regular and Hi-Speed cartridges. White metal bead front sight; step adjustable rear sight; length over-all 42"; weight about 4½ pounds.

No. 33 Bolt Action Single Shot **$6.40**



MODEL 6

SPECIFICATIONS: 20 inch Remington steel, round, tapered barrel, accurately bored and rifled. Frame made from one solid piece of steel. Coil springs that cannot break—used throughout. Longer forend than the old model and properly shaped. An important safety feature—rifle cannot be loaded unless the hammer is at half cock, or in safe position. Genuine walnut stock and forend. Barrel detached by loosening thumb screw. Length over all, 33¼ inches. Length taken down 20 inches. **Price** **$5.45**



MODEL 4—SINGLE SHOT

Made for the following rim fire cartridges: .22 Short, .22 Long, .22 Long Rifle, .25 Stevens, .32 Short and .32 Long. Also in smooth bore for .22 or .32 Rim-fire short cartridges. 22½ inch round, tapered barrel. Walnut stock and forend; finely finished butt plate; automatic shell ejector. Length, over all, 38½ inches. Weight, 4¼ pounds. **Price** **$6.40**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

REMINGTON REPEATING RIFLES

THE NEW "FIELDMASTER"

(REMINGTON MODEL 121)

MOST MODERN SLIDE-ACTION .22 REPEATING RIFLE

Made for .22 Short, .22 Long, .22 Long Rifle or .22 Rem. Spec. Cartridges

New Grooved Semi-Beavertail Fore-End • New Shotgun Style Butt Plate • New Half-Pistol Grip Stock • Increased Magazine Capacity • Longer, Heavier Barrel • Easy Takedown • Excellent Accuracy • Solid Safety Breech

Always a step ahead in gun design. Remington offers the "FIELDMASTER" with its long, semi-beavertail fore-end, properly shaped pistol grip, and shotgun style butt plate. These features permit quick aiming, fast firing, and straight shooting from any position. The fore-end fits man or boy and is grooved to prevent slipping. The barrel is longer, heavier and more accurate. With magazine capacity greatly increased the "FIELDMASTER" holds 20 Short, 15 Long or 14 Long rifle cartridges which may be used interchangeably without adjustment. Rifles especially chambered for the .22 Rem. Special Cartridge have a 12 shot magazine capacity. Its easy takedown feature is popular everywhere for it packs conveniently in a suitcase. A cross bolt safety available for either left or right handed shooters is easily operated with the trigger finger. The sights are white metal bead front and step adjustable rear. For all-round easy handling, light weight, straight and fast shooting the "FIELDMASTER" is in a class by itself.

SPECIFICATIONS

The "FIELDMASTER" Model 121A

"Standard" Grade. Takedown, hammerless, solid breech; 24-inch round barrel; American walnut pistol grip stock with shotgun style steel butt plate; grooved semi-beavertail fore-end; chambered for .22 Short, Long and Long Rifle cartridges which may be used interchangeably without adjustment. Magazine holds 20 Short, 15 Long or 14 Long Rifle Cartridges. Rear sight with adjustable step for elevation; white metal bead front sight; length taken down 27½ inches. Weight, about 6 pounds.

MODEL 121S—"Remington Special" Grade. Same as 121A, except it is chambered for .22 Rem. Special (.22 W.R.F.) cartridges only. Magazine holds 12 cartridges.

No. 121A "Standard" Grade	$24.65
No. 121S "Remington Special" Grade	24.65
No. 121D "Peerless" Grade	78.55
No. 121E "Expert" Grade	122.40
No. 121F "Premier" Grade	152.75

THE NEW "GAMEMASTER"

REMINGTON Model 141—HIGH POWER SLIDE ACTION REPEATING RIFLES

New Stock—Semi-beavertail Fore-end—Longer Barrel—New Front Sight Ramp

The "Gamemaster" is the choice of big game hunters who appreciate the advantages of the slide action type of firearm. It is the same as the famous Model 14, but with important new improvements. It has a longer barrel, larger stock, semi-beavertail fore-end, and a new front sight ramp. The fast, smooth, dependable action, perfect balance, and suitability for all North American big game are outstanding features.

Made in .30 Rem., .32 Rem., and .35 Rem. calibers.
All Center Fire and Rimless

SPECIFICATIONS

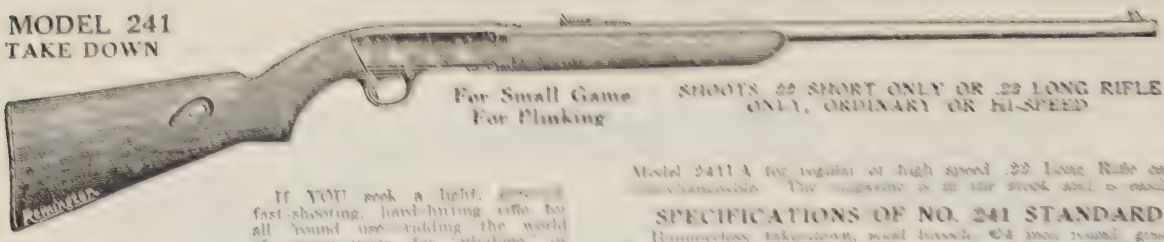
"Gamemaster" No. 141A "Standard" Grade. Slide action, takedown, hammerless, solid breech; 24 inch barrel; American walnut stock with half pistol grip and shotgun style steel butt plate, checkered to prevent slipping. Semi-beavertail fore-end. Step adjustable rear sight. White metal bead front sight mounted on matted ramp, integral wih barrel. Magazine hold five cartridges which, with one in the chamber, gives a capacity of six shots. Cross bolt safety. Length over-all 42¾ inches; taken down 29½ inches. Weight, about 7¾ pounds.

No. 141A "Standard" Grade	$46.00
No. 141C "Special" Grade	79.75
No. 141D "Peerless" Grade	146.85
No. 141F "Premier" Grade	$300.00
No. 141R "Carbine" (same as No. 141A but with 18½-inch barrel)	46.00
⅞" Sling Strap (leather, Whelen type) with hooks and eyes, extra	$2.20

This page reproduced from Stoeger Catalog Edition No. 27, 1936.

REMINGTON AUTOMATIC AND REPEATING RIFLES

MODEL 241
TAKE DOWN



For Small Game
For Plinking

SHOOTS .22 SHORT ONLY OR .22 LONG RIFLE ONLY, ORDINARY OR HI-SPEED

If YOU seek a light, [illegible] fast-shooting, hard-hitting rifle for all round use—ridding the world of vermin pests, for "plinking" or for small game in season—the Model 241 Autoloader is "made to order" for you.

It fires as fast as you can work your trigger finger. It is operated by the recoil which ejects the empty cartridge, puts in a new one and cocks the action. Autoloading—but reliable.

Accuracy? All you'd expect of a Remington. Finest barrels, rifled the Remington way; good sighting equipment; careful fitting of parts, and that silky smooth action to rattle out the shots without disturbing your aim. No other .22 repeater can give such results.

Convenience? Model 241 takes down in a jiffy and stows in [illegible] duffelbag; the breech block removes for cleaning without tools; you can buy ammunition for the Model 241 at any crossroad store.

Model 241SA is chambered for the regular or Hi-Speed .22 Short, the Model 241LA for regular or high speed .22 Long Rifle cartridges. Not [illegible]. The magazine is in the stock and is easily loaded.

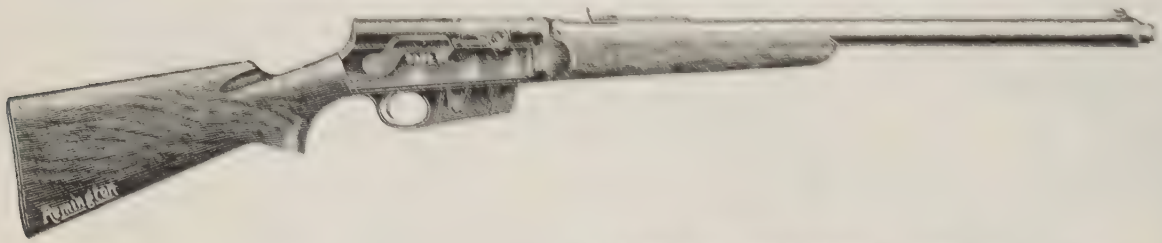
SPECIFICATIONS OF NO. 241 STANDARD GRADE

Remarkably take-down, steel breech [illegible] pounds, gradually tapered barrel [illegible] Hi-Speed [illegible] (When ordering specify [illegible] Hi-Speed [illegible] .22 Short magazine holds 15 [illegible] .22 Long Rifle magazine holds [illegible] Length taken down [illegible] 43½ inches. Length taken down [illegible] Weight about [illegible] pounds.

No. 241SA or 241LA	"Standard" Grade	$29.35
No. 241SC or 241LC	"Special" Grade	45.30
No. 241SD or 241LD	"Peerless" Grade	82.00
No. 241SE or 241LE	"Expert" Grade	118.80
No. 241SF or 241LF	"Premier" Grade	142.00

NEW "WOODMASTER"*
(REMINGTON MODEL 81)
Most Powerful Autoloading Sporting Rifle Made

Chambered for .25, .30, .32, and .35 Rem. C. F. Cartridges



NEW HALF-PISTOL GRIP STOCK
NEW SHOTGUN STYLE STEEL BUTT PLATE
NEW SEMI-BEAVERTAIL FORE-END
LIGHTNING FAST OPERATION
PERMANENTLY ATTACHED MAGAZINE
DEPENDABLE OPERATION
LOAD SINGLY OR WITH CLIP
DOUBLE LOCKING LUGS
AMAZINGLY ACCURATE
PRECISION MECHANISM

Built to withstand hard service this hard hitting, big game rifle has the most rapid operation with the least disturbance of any rifle made. This high-power autoloader shoots as fast as the trigger can be pulled and released for each shot. Loading, cocking, and ejecting are all done by recoil. The "Woodmaster" is the only high-power autoloading rifle made in this country that locks the cartridge in the chamber until the bullet has left the muzzle. This prevents loss of killing power—delivers the full energy of the cartridge and provides the utmost safety, yet it is under the shooter's control at all times for the trigger must be pulled and released for each shot. Other important safety features include two lugs on the bolt which lock in the barrel extension, and the thumb safety, conveniently located for quick operation. Cartridges may be loaded singly or with a clip into the box magazine which is permanently attached and cannot be lost. When the last shot is fired the action remains open ready for reloading. The "Woodmaster" in .35 caliber is powerful enough for the largest North American big game.

NEW FEATURES for Big Game Hunters Built into the "WOODMASTER" (Remington Model 81)

SEMI-BEAVERTAIL FORE-END

Made full and well-rounded to fit the palm of the hand, this comfortable forearm holds steadily and does not cramp the fingers. It withstands the hardest knocks of hunting and facilitates fast handling for quick shots at running game. Made long and rounded in front for those who hold far out in the fore-end.

HALF-PISTOL GRIP PROPERLY SHAPED

Designed to permit a better control over each shot fired, this new pistol grip fits the hand and gives a firm hold on the stock. The hand and trigger finger remain in place and are not disturbed by recoil. It places the finger well forward around the trigger.

SHOTGUN STYLE STEEL BUTT PLATE

Speeds up sighting on quick shots and [illegible] shooting. It [illegible] trigger to give a greater bearing surface [illegible] at recoil. Aids in steady holding and comes quickly to the right place on your shoulder from any position.

Specifications of the "Woodmaster" Model 81A

"Standard" Grade. Takedown, hammerless, self-loading; 22-inch barrel, American walnut pistol grip stock, blued with shotgun style steel butt plate. "Blued and accessories light." [illegible] white metal, bead front sight. Magazine holds [illegible] cartridges. Length taken down, 25 inches. Weight, about 8 pounds. [illegible] .25, .30, .32, and .35 Remington Center Fire cartridges. Length [illegible] 43½ inches.

No. 81A	"Standard" Grade	$ 64.50
No. 81C	"Special" Grade	92.70
No. 81D	"Peerless" Grade	176.15
No. 81E	"Expert" Grade	264.70
No. 81F	"Premier" Grade	353.25

* Trade Mark.

This page reproduced from Stoeger Catalog Edition No. 27, 1935.

A Precision Rifle for Champions!

THE NEW REMINGTON 1940 "RANGEMASTER" MODEL 37—BOLT ACTION TARGET RIFLE

.22 Long Rifle Caliber Only

BARREL. Specially rifled for unsurpassed accuracy. 28 inches. Heavy. Semi-floating. Double countersunk at muzzle.

SPEED ACTION. Smooth operation. Heat treated wearing surfaces to insure minimum head space. Double locking lugs. Double extractors. Shrouded bolt. Remington milled steel patented loading platform for single loading. Interchangeable 5-shot clip magazine. Positive thumb safety.

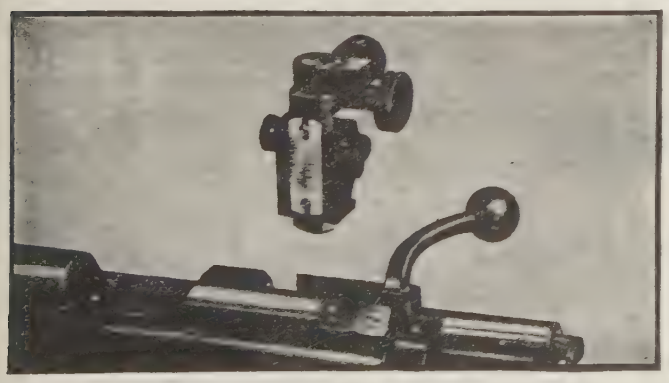
STOCK. New design. Lacquer finish. Higher, thicker comb for better sighting. Close pistol grip for sensitive control of trigger finger. Wider, longer beaver-tail foreend for steady holding. Sharply checkered shotgun style steel butt plate. Carney shooting sling of heavy leather. Adjustable front sling swivel, properly positioned for long or short armed shooter.

TRIGGER. Remarkable new trigger mechanism. Smooth, sharp, crisp, lightning fast let-off. No back lash. No perceptible movement. No drag or creep. Quickly adjustable for pull.

SIGHTS. Remington micrometer target rear sight with six-hole eyepiece. ¼ minute clicks. Redfield globe front sight with seven interchangeable inserts. Both sights removable without changing setting. Iron sights and telescope on same sighting plane. Adjustable extension mounting block supplied with rear sight. Standard telescope blocks.

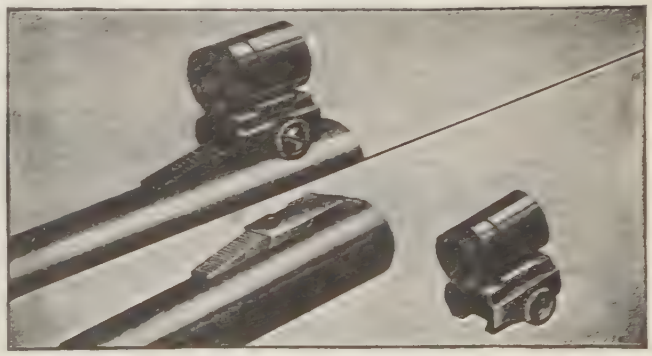
WEIGHT. Approximately 12 pounds. Over-all length, 46½ inches.

No. 37AR complete with Remington receiver sight and Redfield front sight (Furnished unless otherwise specified)	$72.60
No. 37AS complete, but without sling strap	71.18
No. 37AF without rear sight but with Redfield front sight	59.83
No. 37AX without front and rear sights	57.06
No. 37AV with Wittek Vaver receiver sight and Redfield front sight	76.48
No. 37AM with Marble-Goss receiver sight and Redfield front sight	73.15
Oil finishing stock, extra	5.55
Selected figured American walnut stock, extra	4.84
Remington rear sight adapter for Redfield, Lyman, Marble-Goss, Pacific, and Merit discs, extra (not taxable)	.50



REMINGTON MICROMETER REAR SIGHT

Quickly removable with changing setting. Large adjusting knobs. ¼ minute clicks. Six-hole eyepiece. Line of sight same with peep or telescope.



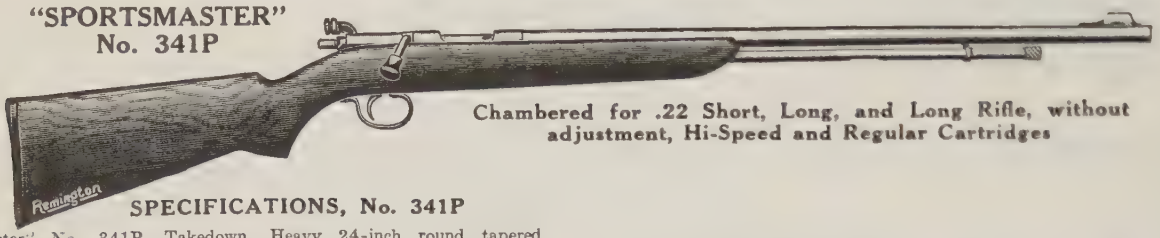
REDFIELD FRONT SIGHT

Mounted on special base. Easily attached or removed. Seven interchangeable inserts.

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

REMINGTON
Bolt Action .22 Caliber
RIFLES

"SPORTSMASTER" No. 341P



Chambered for .22 Short, Long, and Long Rifle, without adjustment, Hi-Speed and Regular Cartridges

SPECIFICATIONS, No. 341P

"Sportmaster" No. 341P. Takedown. Heavy 24-inch round tapered barrel, crowned at muzzle. Automatic ejector. Polished non-friction bolt. Magazine holds 22 Short, 17 Long, 15 Long Rifle cartridges. One piece genuine American walnut stock and fore-end. Semi-beavertail fore-end. Composition shotgun style butt plate, checkered to prevent slipping. Military type thumb safety. Remington receiver peep sight, closer to the eye. Hooded front sight. Length over-all, 42 inches; taken down, 30¾ inches. Weight, about 6 pounds.

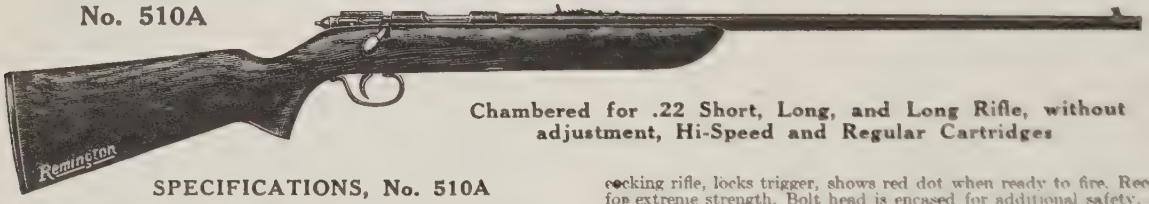
No. 341P $14.83
⅞" Sling Strap (Leather, Whelen type) with hooks and eyes, extra.. 2.22

SPECIFICATIONS, No. 341A

"Sportmaster" No. 341A. Same as "Sportmaster" No. 341P, except fitted with step adjustable sporting rear sight instead of Remington peep sight. White metal bead instead of hooded front sight. Weight, about 6 pounds.

No. 341A $14.08
No. 341SB, with smooth bore barrel for use with shot cartridges ... 14.08

"TARGETMASTER" No. 510A



Chambered for .22 Short, Long, and Long Rifle, without adjustment, Hi-Speed and Regular Cartridges

SPECIFICATIONS, No. 510A

The "Targetmaster" Model 510A bolt action single shot rifle cal. 22 has a 25 inch long tapered barrel, crowned at muzzle, carefully rifled and chambered. Bolt and bolt handle are case hardened for strength. A new loading platform makes loading easy and gives straight line cartridge feed, eliminating shaved bullets. An exclusivee new sear insures crisp trigger pull. Trigger is corrugated to prevent slipping. Stock is of genuine American walnut, with pistol grip, shotgun style checkered butt plate, and semi-beavertail fore-end. Sights are of latest Remington design with long sighting redius. Low upturn of bolt handle permits low mounting of telescope. Exclusive new features include double locking lugs, double extractors, streamlined self-cocking bolt with double cams, for easy cocking, firing pin safety indicator, that shows red when cocked. Thumb safety is easy to operate, goes on automatically when cocking rifle, locks trigger, shows red dot when ready to fire. Receiver is heavy for extreme strength. Bolt head is encased for additional safety, and accuracy. Automatic ejector. Simple takedown. Rifle length overall, 43 inches, taken down 31 inches. Weight about 5¾ pounds.

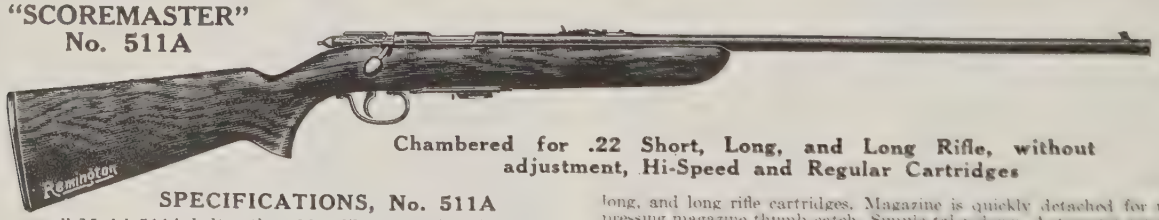
Price $5.45
No. 510SB Grade, with smooth bore barrel for use with shot cartridges. Open sights 5.45
⅞" Leather Sling Strap, Whelen type, with hooks and eyes extra..... 2.22

SPECIFICATIONS, No. 510P

"Targetmaster" No. 510P. Same as "Targetmaster" No. 510A except fitted with "Point-crometer" receiver peep sight with two interchangeable discs and with Patridge type blade front sight mounted on non-glare ramp.

Price $6.15

"SCOREMASTER" No. 511A



Chambered for .22 Short, Long, and Long Rifle, without adjustment, Hi-Speed and Regular Cartridges

SPECIFICATIONS, No. 511A

The "Scoremaster" Model 511A bolt action .22 caliber repeating rifle has double locking lugs, double extractors, streamlined bolt and bolt handle, and self-cocking bolt with double cams for easy cocking are the same as on the model 510. Cocks on opening movement of bolt. Accuracy features include the 25 inch tapered barrel, crowned at muzzle, carefully chambered and rifled, case hardened bolt and bolt handle, crisp trigger pull, and corrugated trigger. Safety features are the firing pin safety indicator that shows red when cocked, the easily operated, silent thumb safety showing a ready to-fire red warning dot, the encased bolt head, and receiver of heavy milled steel. Fitted with Remington step adjustable rear sight. Concealed dovetail slot for other sights if desired. White metal bead front sight. Magazine capacity is 6 shots. Additional cartridge in chamber gives total capacity of 7 shots. Handles .22 short, long, and long rifle cartridges. Magazine is quickly detached for reloading by pressing magazine thumb catch. Simple take-down. Automatic ejection. Length over-all, 43 inches, taken down, 31 inches. Weight, about 5¾ pounds.

Price $10.54
No. 511SB Grade, with smooth bore barrel for use with shot cartridges open sights 10.54
Additional interchangeable 6-cartridge box magazines, each extra..... 1.00
⅞" Leather sling strap. Whelen type, with hooks and eyes, extra..... 2.22

SPECIFICATIONS, No. 511P

"Scoremaster" No. 511P. Same as "Scoremaster" No. 511A except fitted with "Point-crometer" receiver peep sight with two interchangeable discs and with Patridge type blade front sight mounted on non-glare ramp.

Price $11.00

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REMINGTON MATCHMASTER

REMINGTON MODEL 513 TARGET AND SPORTING RIFLES
BOLT ACTION BOX MAGAZINE REPEATERS

.22 Long Rifle Caliber Only
No. 513T "Target" Grade

HEAVY, 27 - INCH SEMI - FLOATING BARREL, double countersunk at muzzle, carefully bored and rifled for fine accuracy. Self-cocking bolt. Adjustable trigger stop. Smooth, crisp, short trigger pull. Short, fast firing pin travel. Corrugated trigger. Double extractors. Double locking lugs. Firing indicator. Positive side lever type safety. Detachable magazine box holds six cartridges which, with one in chamber, gives total capacity of seven shots. Length over-all, 45 inches; taken down, 33 inches.

No. 513T "TARGET GRADE. American walnut lacquer finished stock with close pistol grip and high, thick comb. Long, wide beavertail fore-end. Sharply checkered steel butt plate. Redfield Globe front sight with seven interchangeable inserts. Redfield No. 75 Micrometer rear sight with ¼ minute clicks. Barrel drilled and tapped for scope blocks. Adjustable front sling swivel. 1¼-inch government type sling of high grade leather. Weight, including sling strap, 9 pounds.

A High Grade 9-Pound Target Rifle at a Moderate Price—Complete in Every Detail—Ready for Immediate Use—Exceptionally Fine Accuracy—New Style Stock of Accepted Design—Adjustable Swivel—Redfield Precision Sights—Short, Crisp Trigger Pull—Fast Lock Time—Double Locking Lugs—Firing Indicator—Every Desirable Feature for Match Shooting in All Positions.

No. 513TR "Target" Grade, complete as described $30.22
No. 513TX "Target" Grade, without any sights 25.17

No. 513S "Sporter" Grade

A Smart, Racy Sporting Rifle of Top-Notch Quality for General Use—Outstanding Performance—Streamlined—Sporting Stock—New Style Bolt Handle—Distinctive—Incomparable at This New Low Price.

No. 513S "SPORTER" GRADE. Tapered barrel. Streamlined lacquer finished sporting stock of American walnut, with grip and fore-end checkered. Sharply checkered steel butt plate. Front and rear screw eyes for sling swivels. Patridge type frontsight, mounted on non-glare ramp. Step adjustable sporting rear sight. Dovetail slots concealed under front and rear sights to permit fitting of special sights. Receiver drilled and tapped for Redfield No. 75 Micrometer rear sight. Length over-all, 45 inches; taken down, 33 inches. Weight, about 6¾ pounds.

No. 513SA "Sporter" Grade, complete as described $26.23
⅞" Leather Sling Strap, Whelen type, with hooks on, "Sporter" Grade 2.22
Oil finishing stock, extra 5.55
Selected figured American walnut stock, extra 4.84

EXTRAS FOR REMINGTON RIFLES

Checkering Standard Grade Stock and fore-end, Extra (Excepting where regular) $4.44
Soft rubber recoil pad fitted, Extra (Excepting where regular) 5.55
Full pistol grip with rubber cap on Models 141A, 141C, 30A, 81A, 81C, Extra 4.44
Full pistol grip with rubber cap on Models 121A, 121S, 241A, 241C, 341, 41, Extra 3.33
Nickel plated trimmings (receiver, trigger guard and butt plate) on Models 121 and 241, Extra 8.32
Full nickel plating on Models 121 and 241, Extra (All exterior metal parts) 10.29
Oil finishing stock and fore-end A-B-C Grades, Extra 5.54
Checkering Trigger, Extra (Standard on Model 30) 1.11
Reversing safety for left-handed shooter on all Models, except Models 30, 341, 41 and 81 ..... No extra charge

Rear sight slot on Models 241, 121, 341A, 341P, 41A, 41P, or front sight slot on Models 341P, 41P 2.22
Gold Name Plate inlaid in stock, Extra (Excepting on F Grade) 8.88
Silver Name Plate inlaid in stock, Extra (Excepting on E and F Grades) 6.66
Base blocks for Lyman No. 438 or No. 5A telescope (not fitted), Extra 1.10
Fitting base blocks for Lyman No. 438 or No. 5A telescope, Extra. (Price of base block should be added) 2.77
Drilling and tapping .22 caliber rifles for Weaver No. 344 scope, when telescope is not ordered ..... .25
Special sights (Lyman, Marble, etc.) fitted on rifles, Extra (Manufacturer's List) ..... Net
(No allowance made for regular sights.)

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

REMINGTON MODEL 720 BOLT ACTION RIFLES

For Big Game and Target Shooting

MODEL 720A
(With 22" Bbl.)

MODEL 720SR
(With 24" Barrel & Receiver Sight)

A Rifle of Unexcelled Quality — An Aristocrat of Beauty — The Utmost in Accuracy, Strength and Reliability — Superb Balance — Fast Handling — Easy to Carry — Superior Stock — improved Bolt Handle — Front Sight Ramp — Low Sight Line — Sturdy Double Locking Lugs at Front End of Bolt — Guide Rib on Bolt for Smooth, Easy Operation — Special Bolt Stop — Detachable Magazine Bottom — Narrower Mid-Section — Time-Tested, Proof-Tested Action — Short, Fast Firing Pin Travel.

SPECIFICATIONS

Round, tapered barrel of ordnance steel with choice of 24, 22 or 20-inch length. Carefully bored and rifled for extreme accuracy. New style sporting stock of genuine American walnut. Properly shaped pistol grip. Long, full, well rounded fore-end of semi-beavertail type. Fine checkering on grip and fore-end. Shotgun style steel butt plate, checkered to prevent slipping. Swivel loops for ⅞-inch sling strap—loops easily removed, leaving wide screw eyes for quick release swivels. Rifle cocks on opening movement of bolt. Top of receiver matted. Short, snappy, light, single trigger pull—option of double military pull. Side-placed thumb operated safety. Magazine holds five cartridges. Copper bead front sight mounted on matted ramp. Step adjustable sporting rear sight. Receiver tapped and drilled for Redfield, Marble and Lyman micrometer receiver sights. Weight about 8 pounds. Length overall (No. 720A) 42½".

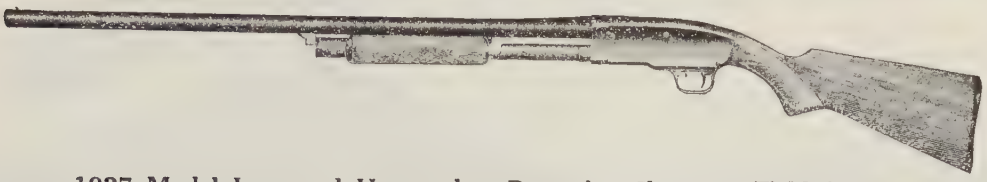
STYLES AND PRICES

No. 720A (22-inch barrel) open sights	$78.45
No. 720AR with Redfield No. 70RST micrometer receiver sight	85.90
No. 720AM with Marble-Goss receiver sight	89.25
No. 720AL with Lyman No. 48 receiver sight	92.65
No. 720S (24-inch barrel) open sights	78.45
No. 720SR with Redfield No. 70RST micrometer receiver sight	85.90
No. 720SM with Marble-Goss receiver sight	89.25
No. 720SL with Lyman No. 48 receiver sight	92.65
No. 720R (20-inch barrel) open sights	78.45
No. 720RR with Redfield No. 70RST micrometer receiver sight	85.90
No. 720RM with Marble-Goss receiver sight	89.25
No. 720RL with Lyman No. 48 receiver sight	92.65
⅞" Leather Sling Strap, Whelan type, extra	2.70
⅞" Leather Sling Strap, Whelen type, with quick release swivels, extra	4.70

This page reproduced from Stoeger Catalog Edition No. 35, 1943.

Stevens Repeating and Double Barrel Shotguns

ORIGINAL STEVENS-BROWNING HAMMERLESS REPEATING SHOTGUNS



1927 Model Improved Hammerless Repeating Shotgun—Field Grade

Barrel; High pressure compressed steel, 12 gauge, 28", 30" and 32" full choked, 28" and 30" modified, 26" and 28" cylinder bored. Also 16 gauge 28" full or modified, or 26" cylinder bore.
Action, Hammerless, visible locking bolt, safety firing pin, independent safety, side ejection.
Weight, 12 gauge about 7¾ lbs.; 16 gauge about 7¼ lbs.
Receiver, Drop forged, solid breech.
Stock, Checkered walnut, pistol grip, checkered slide. rubber butt plate, length 13¾", drop 2¾".
Ammunition, Any standard factory loaded shell up to 2¾" in length. Six shots—five in magazine, one in chamber.

No. 620 Take-down. 12 and 16 gauge; proof tested ..... **Price $39.95**

With Raised Matted Top Rib—Field Grade

No. 621—Same specifications as No. 620, except that barrel is fitted with raised matted top rib ..... **Price $45.00**

STEVENS DOUBLE BARREL HAMMERLESS SHOTGUN

Made in 12, 16, 20 and 410 Gauge. Greatest Gun Value Ever Offered.

FIVE REASONS WHY: Low in Price; High in Quality; Light in Weight; Safe in Shooting; A Beauty in Appearance.

Approved and purchased in 1925 by the United States Navy, Also Canadian Government in 1928

Barrel, Blued; High pressure compressed steel; tested with Nitro Powder; matted rib; Lyman Ivory Sights; 12, 16 and 20 Gauge; right barrel modified, left barrel full choked. 12 gauge, 32" and 410 Gauge, both barrels full choked.
Length, 12 Gauge 28", 30" and 32"; 16 Gauge, 28" and 30"; 20 Gauge, 26" and 28"; 410 Gauge, 26".
Action, Hammerless; coil springs.
Frame, Beautifully polished and case hardened.
Stock, Selected black walnut, finely checkered; full pistol grip capped; rubber butt plate; length 14"; drop about 3"; Jotsam Anti-Flinch Recoil Pad.
Weight, 12 Gauge, 7½ to 7¾ lbs.; 16 Gauge, 7¼ to 7½ lbs.; 20 Gauge, 6¼ to 6¾ lbs.; 410 Gauge, 5¾ lbs.; 410 Gauge, 5¾ to 6¼ lbs.

No. 350. Chrome Vanadium Steel Working Parts, Will Last a Lifetime. Coil Springs. Proof Tested ..... **Price $26.50**

STEVENS DOUBLE BARREL HAMMERLESS AND HAMMER SHOTGUN

Barrel, Blued; High pressure compressed steel; 12 and 16 gauge; right barrel modified, left barrel full choked. 12 gauge, 32", both barrels full choked.
Length, 12 Gauge 28", 30" and 32"; 16 gauge, 28" and 30"
Action, Hammerless; coil springs.
Frame, Polished and case hardened, ornamented with scrolls.
Stock, Selected black walnut, finely checkered; full pistol grip capped; rubber butt plate; length 14"; drop about 3".
Weight, 12 Gauge, 7½ to 8 lbs.; 16 Gauge, 7¼ to 8 lbs.

No. 335. "HAMMERLESS" 12 and 16 Gauge. Proof Tested ..... **Price $27.50**

No. 235. Same description as No. 335 except **HAMMER** type of action in place of Hammerless **$25.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Stevens Double Barrel Shotguns

SUPER RANGE "DREADNAUGHT" — AUTOMATIC EJECTOR

A Single Gun With Plenty of Weight to the Barrel

Proof Tested—Large Forend

Guaranteed for any factory loaded shell.
Extra heavy. Water table. Extra heavy breeck, 30", 32", 34" and 36". Full Pistol Grip Stock, 14". Extra charge for 34" 36".
89. 12 Gauge only. Weight 7½ lbs. .....**Price $12.75**

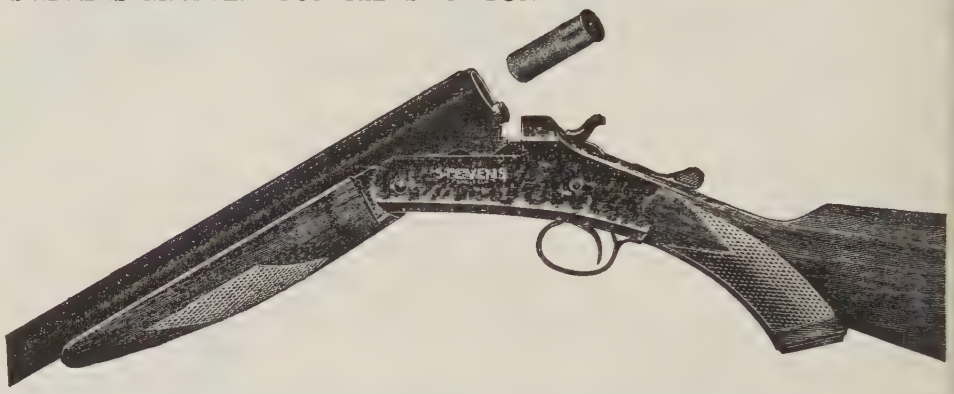
STEVENS MATTED TOP RIB SHOTGUN

A Low Priced Gun of Fine Appearance.

Matted Top Rib.. Large Checkered Forend

Automatic Ejector Only

Barrel, 12 Gauge, 28" to 32 " 16 Gauge, 28" and 30" 20 Gauge, 26" and 28".
Stock, Checkered walnut, full pistol grip capped, full length 14".
No. 116. 12, 16 and 20 Gauge. Weight about 6 lbs..**Price $13.75**



STEVENS SINGLE BARREL SHOTGUNS

"STEVENS" PLAIN EXTRACTOR—Large Forend

12 Gauge, 28" to 36"; 16 28" and 32"; 20 Gauge, 26" to 32"; 28 Gauge, 28" to 32"; .410 Gauge 26".
Extra charge for 34" and 36" barrels. **Stock,** walnut, 14". Pistol grip.

No. 105. 12, 16, 20, 28 and .410 Gauge. Weight, 6. lbs.....**$10.00**

"STEVENS" AUTOMATIC EJECTOR Large Forend

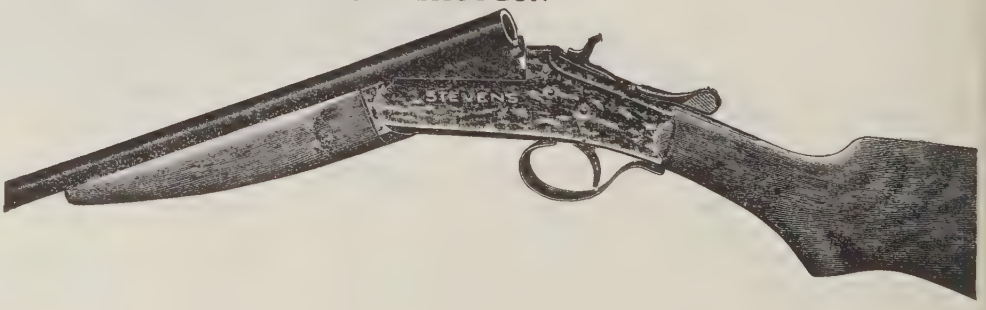
Barrel, 12 Gauge, 28" to 36"; 16 Gauge, 28" and 32"; 20 Gauge, 26" to 32"; 28 Gauge, 28" to 32"; .410 Gauge 26".
Extra charge for 34" and 36" barrels.
No. 107. 12, 16, 20, 28 and .410 Gauge.. Weight, 6 lbs. Walnut Stock, 14 inches. Pistol grip.
Price **$10.50**

STEVENS FEATHERWEIGHT SHOTGUN

No. 106. Plain Extractor

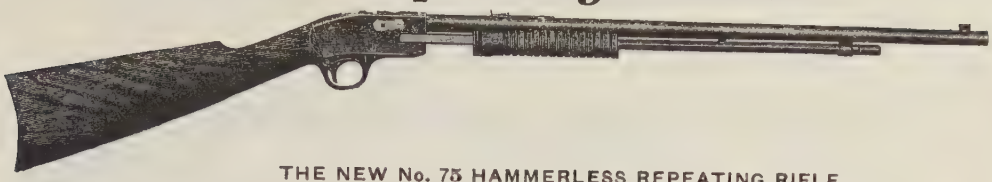
No. 108. Automatic Ejector

Barrel, .410 Gaure or 12 m/m, 26" and 30". .32 gauge or 14 m/m, 30" only. Weight, 4½ lbs.
Stock, plain walnut, pistol grip, 13½".
No. 106 .....**Price $10.00**
No. 108 .....**Price $10.50**



This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Stevens Repeating Rifles



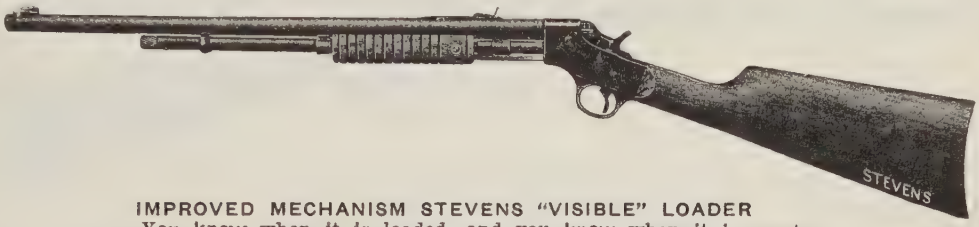
THE NEW No. 75 HAMMERLESS REPEATING RIFLE

A High Grade .22 Caliber Repeater at a Low Price

Specifications, 24" round tapered barrel, fitted with genuine Lyman Ivory Bead Front Sight and Sporting Rear Sight. Selected American Walnut straight stock; regulation steel butt plate. Tubular magazine. All metal parts nicely polished and blued.

Action, simple, two part takedown (no loose parts). Unusually rugged, simple construction with extremely short movement of breech block. Side ejection. Cylindrical safety behind trigger. Magazine holds fifteen .22 long rifle, seventeen .22 long, or twenty .22 short cartridges. Weight, 5¼ pounds.

The New No. 75 Hammerless Repeater ..... **Price $17.50**



IMPROVED MECHANISM STEVENS "VISIBLE" LOADER

You know when it is loaded, and you know when it is empty.

No. 70. For .22 long and .22 short rim-fire cartridges. Rocky Mountain front and Sporting rear sights.

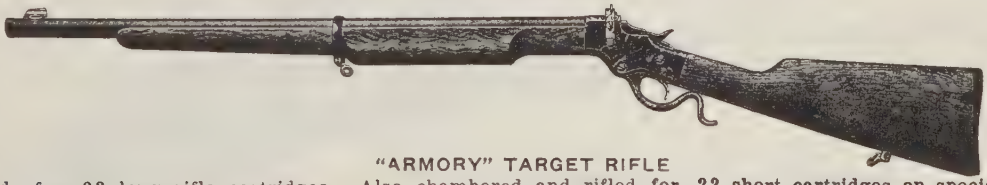
Specifications, 22-inch round barrel; blued frame; walnut stock; steel butt plate; extreme length 37 inches; weight 4½ lbs. Magazine holds eleven .22 long rifle, thirteen .22 long or fifteen .22 short rim-fire cartridges. ..... **Price $17.50**

STEVENS BOLT ACTION REPEATER

No. 65. For 22 long rifle, .22 long and .22 short rim-fire cartridges. Lyman Ivory Bead front and Sporting rear sights.

Specifications, 22 inch round barrel; blued frame; turned oval walnut finish stock; steel butt plate; safety firing pin; extreme length 39½ inches; weight 5 lbs. Magazine tubular holds ten .22 long rifle, twelve .22 long, or fourteen .22 short rim-fire cartridges. ..... **Price $10.75**

STEVENS SINGLE SHOT RIFLES



"ARMORY" TARGET RIFLE

Made for .22 long rifle cartridges. Also chambered and rifled **for .22 short cartridges on special order.**

Barrel, 26" round.

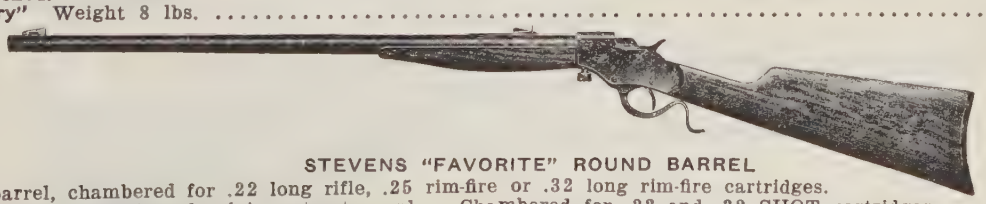
Action, Single shot. Stevens heavy type, automatic ejector

Frame, Case hardened. Take-down.

Stock, American walnut. Shotgun butt with steel butt plate; special long walnut forearm.

Sights, Bright metal knife blade bead front. Special Stevens receiver peep sight.

No. 414. "Armory" Weight 8 lbs. ..... **Price $21.00**



STEVENS "FAVORITE" ROUND BARREL

No. 17. Round barrel, chambered for .22 long rifle, .25 rim-fire or .32 long rim-fire cartridges.

No. 20. Smooth bore round barrel, plain extractor only. Chambered for .22 and .32 SHOT cartridges.

Barrel, 24".

Action, Single shot; Stevens drop block lever action, automatic ejector in .22 calibre; plain extractor in other calibres.

Frame, Blued. Take-down.

Stock, Walnut stock and forearm, rubber butt plate.

Sights, Bright metal knife blade front and sporting rear sights. No. 20 fitted with shotgun front sight only.

Nos. 17 and 20, Stevens "Favorite," Weight 4½ lbs. ..... **Price $9.25**

STEVENS "FAVORITE" OCTAGON BARREL

No. 27. Full octagon barrel, chambered for .22 long rifle, .25 rim-fire or .32 long rim-fire cartridges. Otherwise same as No. 17

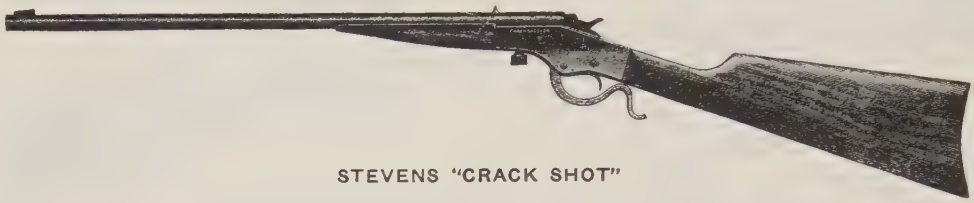
No. 27 "Favorite" Octagon Barrel ..... **Price $9.80**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Stevens Single Shot Rifles

STEVENS "MARKSMAN"

No. 12. Made in .22 long rifle, .25 rim-fire and .32 long rim-fire calibres.
Barrel, 22" round.
Action, Single shot. Plain lever barrel tip-up solid frame, positive extractor.
Frame, Take-down. Blued finish.
Sights, Metal bead front and flat top open rear.
Stock, American walnut forearm and stock. Full oval shaped stock with rubber butt plate.
No. 12. Stevens "Marksman". Weight 4 lbs. ..... **Price $8.00**

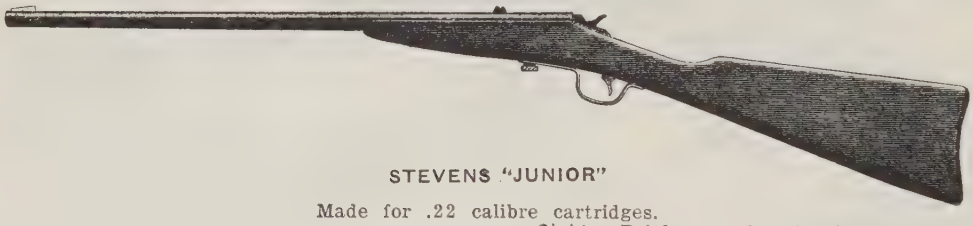


STEVENS "CRACK SHOT"

No. 26 Made for .22 long rifle and .32 long rim-fire cartridges.
No. 26½ Smooth bore. Made for .22 calibre and .32 calibre SHOT cartridges.
Barrel, 22" round.
Action, Single shot; lever action drop breech block; positive extractor.
Frame, Take-down. Blued finish.
Sights, Bright metal knife blade front. Flat top open rear.
Stock, Oval shaped butt stock with steel butt plate.
No. 26 and 26½. Stevens "Crack Shot." Weight, 3¼ lbs. ..... **Price $6.00**

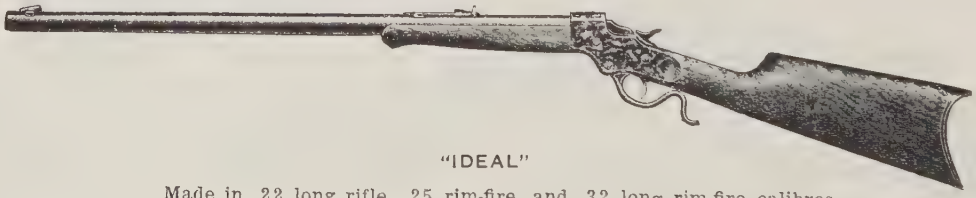
"LITTLE SCOUT"

Made for .22 long rifle cartridges.
Barrel, 20" round.
Action, Single shot. Thumb operated drop breech block, positive extractor.
Frame, Take-down. Case hardened.
Sights, Bright metal knife blade front. Flat top open rear.
Stock, Oval shaped stock with steel butt plate.
No. 14½. "Little Scout" Weight 2¾ lbs. ..... **Price $5.00**



STEVENS "JUNIOR"

Made for .22 calibre cartridges.
Barrel, 20" round.
Action, Single shot. Thumb operated drop breech bolt, positive extractor.
Frame, Take-down. Steel frame.
Sights, Bright metal knife blade front and flap top, open rear sight.
Stock, One piece military style.
No. 11. Stevens "Junior." Weight 2¾ lbs. ..... **Price $4.25**



"IDEAL"

Made in .22 long rifle, .25 rim-fire, and .32 long rim-fire calibres.
Barrel, 26" round.
Action, Single shot. Stevens heavy type, automatic ejector
Frame, Case hardened. Take-down.
Stock, Walnut forearm and butt stock. Rifle butt plate.
Sights, No. 203 bright metal knife blade front and No. 112 sporting rear sight.
No. 44. "Ideal" Weight 7 lbs. ..... **Price $19.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Savage Repeating Shotguns and Rifles

SAVAGE MODEL 28 REPEATING SHOTGUN

MODEL 28-A—STANDARD GRADE. 12 gauge only, Hammerless, Takedown, Solid Breech, moving parts enclosed, side ejection. Receiver channeled and matted in line of sight. Positive top tang safety. Action bar latch in trigger guard. Stock full pistol grip, varnish finish, 13½ inches long, 2⅝ inches drop at heel, and 1⅝ inches drop at comb. Made 26, 28, 30 and 32 inch barrels, in cylinder, modified and full choke boring. Regularly furnished with 30 inch full choke barrel. Six shot capacity with 2¾ inch shells. 7 shots with 2⅝ inch shells. Weight about 7½ pounds.

Model 28-A ..... **Price $44.50**

MODEL 28-B—STANDARD GRADE WITH RAISED MATTED RIB. 12 gauge. Same action as above with raised rib on barrel, making flat line of sight from receiver to end of barrel.

Model 28-B ..... **Price $53.00**

MODEL 28-C—RIOT GUN. Same specifications as Standard Grade, but with 20 inch cylinder bored barrel. For use by Police, Banks, Postoffice and Industrial Organizations for protection and prevention of robbery, etc.

Model 28-C—Riot Gun ..... **Price $44.50**

MODEL 28-D—TRAP GRADE. 12 gauge. Same action as Standard Grade, specially finished, with raised matted rib. Straight grip checkered stock and checkered action slide handle of selected American Walnut, varnish finish. Specifications for stock: 1¾ inch drop at heel, 1⅛ inch drop at comb, 14 inches long. 30 inch full choke barrel bored especially for 7½ chilled shot. Weight 7½ pounds.

Model 28-D—Trap Grade ..... **Price $60.00**

Model 28S—Same specifications as Standard grade, with the following refinements: Matting on top of barrel, Ivory bead front sight, checkered pistol grip stock and forearm, weight 7½ pounds..... **Price $49.00**

SAVAGE HI-POWER SUPER-SPORTER RIFLE

Bolt action, solid frame repeating rifle. Tapered round barrel with raised ramp front sight base. One piece Walnut stock, with pistol grip and British type forestock, rubbed varnish finish, corrugated steel butt plate. Five shots, detachable magazine, 4 shot capacity. Weight about 7½ pounds. In two grades and four calibers.

Standard Grade

MODEL 40—Adjustable flat top open rear sight; white metal bead base front sight. Screw eyes for sling strap. Calibers: .30/30 and .250/30000 Savage, with 22 inch barrel. .300 Savage and .30-06 Springfield, with 24 inch barrel.

Model 40—Adjustable flat top open rear sight; white metal bead base front sight. Screw eyes for sling strap. **Price $35.00**

Special Grade

MODEL 45—Selected Walnut Stock; checkered on grip and forestock; Lyman No. 40 rear peep sight with elevation and wind-gauge adjustments, folding leaf middle sight. Screw eyes for sling strap. Calibers: .30/30 and .250/3000 Savage with 22 inch barrel; .300 Savage and .30-'06 Springfield, with 24 inch barrel.

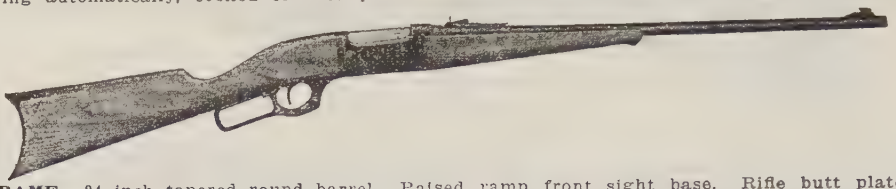
Model 45 Special Grade ..... **Price $44.50**

Extra Magazines for above Rifles ..... **Price $1.25**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

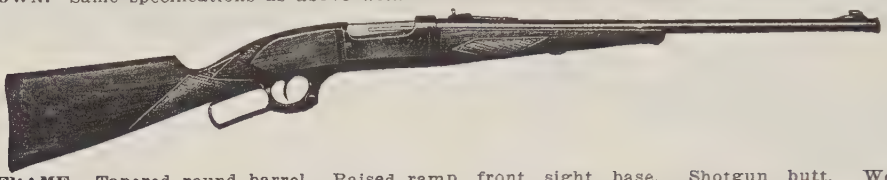
Savage Model 99 Lever Action Repeating Rifles

Hammerless, solid breech, lever action. Hi-Pressure steel barrel, polished breech bolt, case hardened lever, blued receiver. Varnished American Walnut stock and forearm. Steel butt plate. White metal bead front sight on raised ramp base and adjustable flat top sporting rear sight. Six shots, magazine capacity five cartridges. Magazine rotary box type with numeral indicator. Hammer indicator showing automatically, cocked or fired position of hammer. Made in five styles and five calibers as follows:



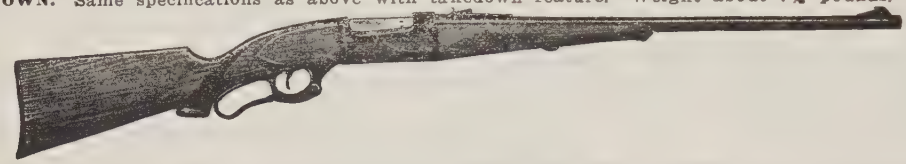
MODEL 99-A—SOLID FRAME. 24 inch tapered round barrel. Raised ramp front sight base. Rifle butt plate. Weight about 7¼ pounds. Calibers: .30/30, .303 and .300 ..... **Price $41.00**

99-B—TAKEDOWN. Same specifications as above with takedown feature. Weight about 7½ pounds. ..... **Price $46.00**

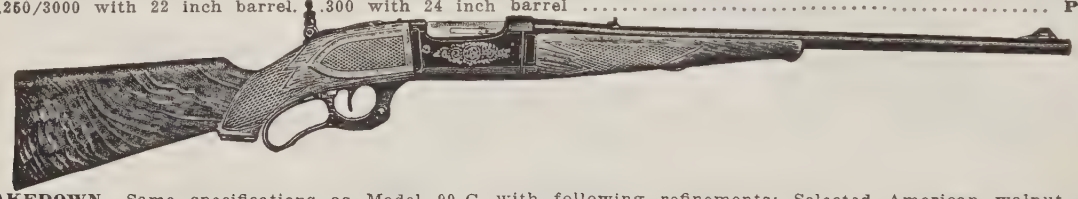


MODEL 99-E—SOLID FRAME. Tapered round barrel. Raised ramp front sight base. Shotgun butt. Weight about 7 pounds. Calibers: .22 Hi-Power, .30/30, .303 and .250/3000 with 22 inch barrel. Cal. .300 with 24" barrel..... **Price $41.00**

MODEL 99-F—TAKEDOWN. Same specifications as above with takedown feature. Weight about 7¼ pounds. ..... **Price $46.00**

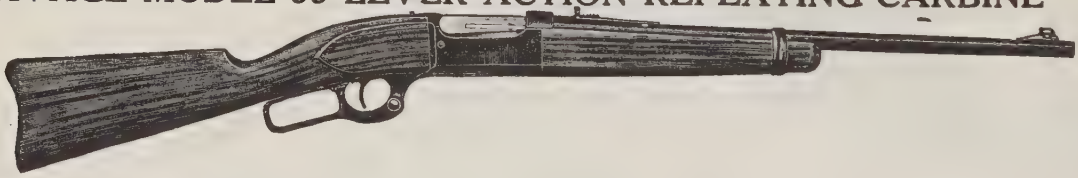


MODEL 99-G—TAKEDOWN. Tapered round barrel. Raised ramp front sight base. Shotgun butt, full pistol grip, checkered stock and forearm, checkered trigger and corrugated steel butt plate. Weight about 7¼ pounds. Calibers: .22 Hi-Power, .30/30, .303 and .250/3000 with 22 inch barrel. .300 with 24 inch barrel ..... **Price $49.50**



Model 99-K—**TAKEDOWN.** Same specifications as Model 99-G with following refinements: Selected American walnut stock and forearm—special fancy hand checkering on forearm, panels and grip. Receiver and barrel artistically engraved. Action carefully fitted and stoned. Lyman rear peep sight, folding middle sight and white metal bead front sight. Calibers: .22 Hi-Power, .30/30, .303, .250/3000 with 22 inch barrel. .300 with 24 inch barrel ..... **Price $80.00**

SAVAGE MODEL 99 LEVER ACTION REPEATING CARBINE



Model 99-H—**SOLID FRAME.** 20 inch special medium weight barrel. Walnut Carbine stock and forearm. Steel butt plate. Weight 6½ pounds. Calibers: .30/30 and .303. ..... **Price $37.50**

.410 GAUGE SHOTGUN BARREL FOR MODEL 99 TAKEDOWN RIFLES

.410 GAUGE AUXILIARY SHOTGUN BARREL. Interchangeable with all caliber rifle barrels on Savage Model 99 Takedown Rifles. In ordering specify STYLE, CALIBER and SERIAL NUMBER of rifle. Weight about 2 pounds. Length 24 inches. **Price $10.00**

.300 SAVAGE COMBINATION RIFLE AND SHOTGUN IN CASE

A MODEL 99-G TAKEDOWN RIFLE, chambered for the .300 Savage Cartridge, and a .410 gauge auxiliary barrel, in a handsome case. The case is made of basswood veneer, covered with a high grade black fabrikoid and nickel trimmed. The interior is plush lined. This case is not supplied for any other style or caliber rifle.

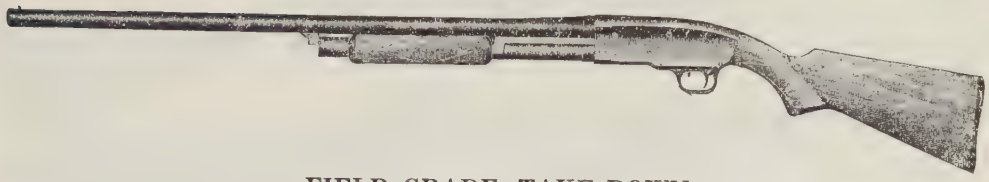
Model 1899-G .300 Rifle	
.410 Gauge Shotgun Barrel	**Price $49.50**
Case	**10.00**
	15.00
PRICE FOR KIT	**$74.50**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Stevens Shotguns

STEVENS REPEATING SHOTGUN

12, 16 AND 20 GAUGE — PROOF TESTED



FIELD GRADE, TAKE DOWN

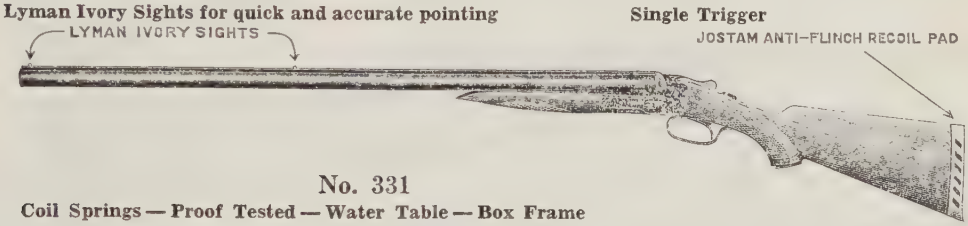
No. 620—12, 16 and 20 Gauge; weight, 12 Gauge, about 7¾ pounds; 16 Gauge, 7¼ pounds; 20 Gauge about 6 pounds. BARREL—High pressure compressed steel. 12 Gauge, 28, 30 and 32 inch full choked; 28 and 30 inch modified; 26 and 28 inch cylinder bored. 16 Gauge, 28 inch full, modified or cylinder bored. 26 inch cylinder bored. 20 Gauge, 26 and 28 inch cylinder, modified or full choke. ACTION—Hammerless, visible locking bolt, safety firing pin, independent safety, side ejection. RECEIVER—Drop forged, solid breech. STOCK—Checkered walnut, pistol grip, checkered slide handle, rubber butt plate, length 13¾ inch, drop at heel 2¾ inch. AMMUNITION—Any standard factory loaded shell up to 2¾ inches in length. Six shots—five in magazine, one in chamber ..... **Price $36.30**

No. 620—RIOT GUN—12 Gauge. Same price and specifications as Field Grade but with 20 inch cylinder bored barrel.

No. 621—12, 16 and 20 Gauge. Weight, 12 Gauge about 7¾ pounds; 16 Gauge, 7¼ pounds; 20 Gauge 6 pounds. Same description as No. 620 except barrel is fitted with raised matted top rib ..... **Price $41.25**

STEVENS DOUBLE BARREL SINGLE TRIGGER SHOTGUN

Lyman Ivory Sights for quick and accurate pointing — **Single Trigger**



No. 331

Coil Springs — Proof Tested — Water Table — Box Frame

BARREL—Blued: High pressure compressed steel; tested with Nitro Powder; matted rib; Lyman Ivory Sights. The 12 Gauge 32-inch and .410 Bore have both barrels full choked. All other gauges and lengths are left barrel full choke, right barrel modified choke. LENGTH—12 Gauge 28, 30 and 32 inch; 16 Gauge, 28 and 30 inch; 20 Gauge, 26 and 28 inch; .410 Bore, 26 inch. ACTION—Hammerless; dependable non-selective single trigger; coil springs. FRAME—Beautifully polished and case hardened. STOCK—Selected black walnut, finely checkered; full pistol grip capped; length about 14 inches; drop about 3 inches. Jostam Anti-Flinch Recoil Pad. WEIGHT—12 Gauge, 7½ to 7¾ pounds; 16 Gauge, 7 to 7¼ pounds; 20 Gauge, 6¼ to 6¾ pounds; .410 Bore, 5¾ to 6¼ pounds.

No. 331—Single Trigger ..... **$30.00** **No. 330—Same as No. 331, but without Single Trigger** **$25.85**

SUPER RANGE "DREADNAUGHT"—AUTOMATIC EJECTOR

A Single Gun With Plenty of Weight to the Barrel.

Proof Tested — Large Forend.

Guaranteed for any factory loaded shell.

Frame—Extra heavy. Water table.

Barrel—Extra heavy breech, 30, 32, 34 and 36 inch; full pistol grip; stock 14 inch. Extra charge for 34 and 36 inch.

No. 89 — 12 Gauge only. Weight 7½ pounds ..... **Price $12.80**

STEVENS FEATHERWEIGHT SHOTGUN

No. 106—Plain Extractor.

No. 108—Automatic Ejector.

Barrel—.410 Gauge or 12 m-m, 26 and 30 inch; 32 Gauge or 14 m-m, 30 inch only. Weight 4½ pounds.

Stock—Plain walnut, pistol grip, 13½ inch.

No. 106 ..... **Price $11.00**

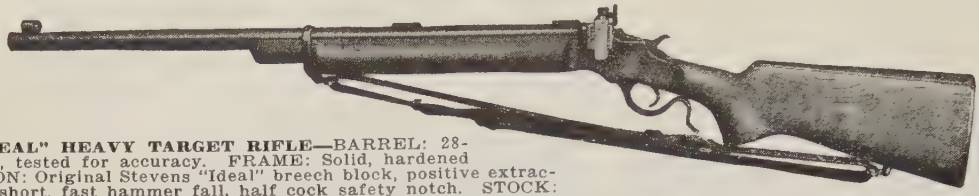
No. 108 ..... **Price $11.50**

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

Stevens Modernized Ideal Marksman Rifles

NEW MODELS 417—417½—418—418½

Down through the past 68 years STEVENS has clung faithfully to the ideals and high standard established by its founder. How much so, is exemplified by these four latest Stevens Models Nos., 417, 417½, 418 and 418½...developments and modernization of famous Stevens rifles that made many world records and were the choice of experts in the days of the "Schutzen" rifle clubs and famous shooting matches.



MODEL 417—"IDEAL" HEAVY TARGET RIFLE—BARREL: 28-inch heavy round, tested for accuracy. FRAME: Solid, hardened and blued. ACTION: Original Stevens "Ideal" breech block, positive extractor, lever action, short, fast hammer fall, half cock safety notch. STOCK: American walnut 13½-inch, Oil finish, high comb, full pistol grip target model stock and forearm, fitted with 1¼-inch Military style sling strap, shotgun butt with steel butt plate. SIGHTS: Lyman No. 17A front, telescope blocks, Lyman No. 48L Receiver sight (can furnish Lyman No. 103 Tang peep sight in place of No. 48L Receiver Sight- on request at same price). WEIGHT: About 10½ to 11 pounds. AMMUNITION: .22 Long Rifle, made to order; .22 Short at no extra charge.

PRICES:

No. 417-1—Fitted with Lyman No. 48L Sight ..... **$41.25** **No. 417-3**—Without front or rear sights **$29.25**

No. 417-2—Fitted with Lyman No. 103 Sight in place of No. 48L. **41.25** **No. 417-4**—Fitted with Lyman No. 438 Telescope **62.45**

No. 417-5—Fitted with Lyman No. 5A Telescope **$85.80**

MODEL 417½—"IDEAL" SPORTING RIFLE—BARREL: 28-inch, tapered round, light weight, tested for accuracy. FRAME: Solid, hardened and blued. ACTION: Original Stevens "Ideal" breech block, positive extractor, short fast hammer fall, half cock safety notch, lever action. STOCK: American walnut, oil finish, high comb, full pistol grip stock and Sporting forearm, fitted with 1¼-inch Military style sling strap, shotgun butt with steel butt plats. SIGHTS: Lyman No. 28, 3-32-inch gold bead front, single folding leaf middle, and Lyman No. 1A Tang peep sight, barrel tapped for telescope blocks. WEIGHT: 8 to 8¼ pounds. AMMUNITION: Regular and High Speed .22 Long Rifle, .22 W. R. F., .25 Stevens R.F. ..... **Price $33.00**

MODEL 418—"IDEAL" JUNIOR TARGET RIFLE—BARREL: 26-inch, heavy, tapered round, tested for accuracy. FRAME: New heavy Junior "Ideal," Take Down, case hardened. ACTION: Original Stevens "Ideal" breech block, positive extractor, lever action, fast hammer fall, half cock safety notch. STOCK: American walnut 13-inch, oil finish, full pistol grip target model stock and forearm, fitted with ⅞-inch Military style sling strap, shotgun but with steel butt plate. SIGHTS: Lyman No. 3, 1-16-inch gold bead front, slot blank middle, and Lyman No. 2A Tang peep sight. WEIGHT: 6 to 7 pounds. AMMUNITION: .22 Long Rifle (.22 Short to order at no extra charge)

Price **$16.50**

MODEL 418½—"IDEAL" JUNIOR SPORTING RIFLE—BARREL 26-inch, tapered round, tested for accuracy. FRAME: New heavy, Take Down, case hardened. ACTION: Original Stevens "Ideal" breech block, positive extractor, lever action, fast hammer fall, half cock safety notch. STOCK: American walnut 13-inch oil finish, full pistol grip Sporting model stock and forearm, fitted with ⅞-inch Military style sling strap, shotgun butt with steel butt plate. SIGHTS: Lyman 1-16 inch gold bead front, slot blank middle, and Lyman No. 1A Tang peep sight. WEIGHT: 6 to 7 pounds. AMMUNITION: Regular and High Speed, .22 Long Rifle, .22 W.R.F., .25 Stevens R.F. ..... **Price $16.50**

"IDEAL"—Made in .22 Long Rifle, .25 Rim-fire, and .32 Long Rim-fire for Regular or High Speed cartridges. BARREL: 26 inch round. ACTION: single shot, Stevens heavy type, automatic ejector. FRAME: Case hardened. Take Down. STOCK: Walnut forearm and butt stock, rifle butt plate. SIGHTS: No. 203 bright metal knife blade front and No. 111 Sporting rear sight. Weight 7 pounds.

No. 44 "IDEAL" ..... **Price $20.90**

Stevens Repeating Rifles

THE NEW No. 75 HAMMERLESS REPEATING RIFLE
A High Grade .22 Caliber Repeater at a Low Price.

No. 75—SPECIFICATIONS: 24-inch round tapered barrel, fitted with genuine Lyman Ivory Bead Front Sight and Sporting Rear Sight. Selected American Walnut straight stock; regulation steel butt plate. Tubular magazine. All metal parts nicely polished and blued.

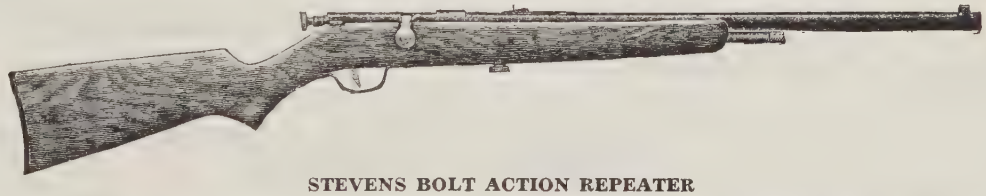
ACTION: Simple, two-part take-down (no loose parts). Unusually rugged, simple construction with extremely short movement of breech block. Side ejection. Cylindrical safety behind trigger. Magazine holds fifteen .22 Long Rifle, seventeen .22 Long, or twenty .22 short Regular or High Speed cartridges. Weight, 5¼ pounds.

The New No. 75 Hammerless Repeater ..... **Price $19.50**

IMPROVED MECHANISM STEVENS "VISIBLE" LOADER
You KNOW when it is loaded, and you KNOW when it is empty.

No. 71—For .22 Long and .22 Short Rim-fire cartridges. Lyman Ivory Bead front and Sporting rear sights.

SPECIFICATIONS: 22-inch round barrel; blued frame; walnut stock; steel butt plate; extreme length 37 inches; weight 4½ pounds. Magazine holds eleven .22 Long Rifle, thirteen .22 Long, or fifteen .22 Short Rim-fire cartridges ..... **Price $14.25**



STEVENS BOLT ACTION REPEATER

No. 66—For .22 Long Rifle, .22 Long and .22 Short Regular or High Speed cartridges. Lyman Ivory Bead front and Sporting rear sights.

SPECIFICATIONS: 22-inch round barrel; blued frame; turned oval walnut finish stock; steel butt plate; safety firing pin; extreme length 39½ inches; weight, 5 pounds. Magazine tubular holds ten .22 Long Rifle, twelve .22 Long, or fourteen .22 Short Rim-fire cartridges. **Price** **$11.75**

STEVENS "JUNIOR"

Made for .22 caliber cartridges. BARREL: 20-inch round. ACTION: Single shot; thumb operated drop breech bolt, positive extractor. FRAME: Take-down, steel frame. SIGHTS: Bright metal knife blade front and flat top, open rear sight. STOCK, One-piece military style. **No. 11 Stevens "Junior" (weight 2¾ pounds)** ..... **Price $3.60**

MARBLE'S GAME GETTER GUN
"Two Guns in One"

TWO COMBINATIONS, with barrels 12, 15 or 18 inches.

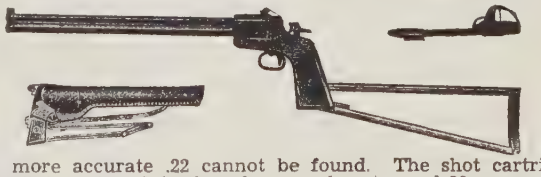
.—Upper barrel, .22 caliber, rifled; chambered for Short, Long and Long Rifle cartridges.

Lower barrel, smooth bore for .44 caliber and .410 gauge (12 m-m) 2 inch brass or paper shot shells, also .44 and .410 ball cartridges (not conical bullet).

.—Upper barrel .22 caliber. Lower barrel for .410 gauge, 2½ inch (only) paper shot or ball cartridges.

MPORTANT FEATURES:

Single Trigger—Striker is adjustable to either barrel instantly.
Hammer—Rebounds to safety notch after firing.
Receiver Lock—Trigger guard is pulled back to open breech.
Ejector—Partially ejects from both barrels at same time.
Folding stock—is held rigidly in position by sliding lock.
Sights—Rear sight has stationary Buckhorn with large U notch, also Leaf with small U notch, and Folding Peep with 3-32 inch aperture. Front sight has 1-16 inch gold bead.



A more accurate .22 cannot be found. The shot cartridges for small furred and feathered game almost equal 28 gauge. The .44 ball is very accurate and powerful at medium range.

Just the gun for fishing trips, trapline, killing varmints and wounded ducks.

SPECIFICATIONS—Frame, drop forged. Finish, blued. Stock, formed from sheet steel, nickeled. Grip plates, walnut. Holster, finest strap leather. Get Marble's Game Getter Gun Catalog for complete information and record of results with cuts of actual targets.

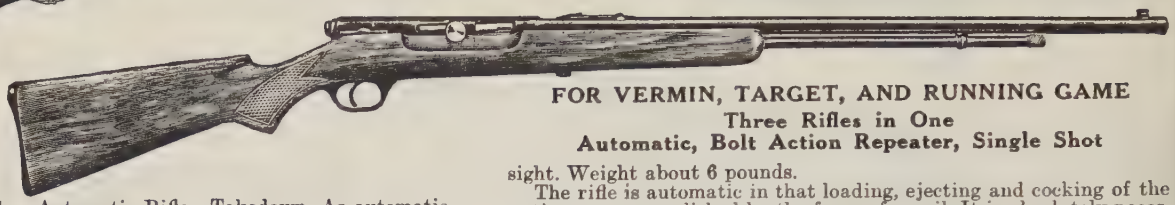
No. M21—12 inches, weight 2 lbs. 11 oz.; Holster furnished **$26.40**
No. M21—15 inches, weight 3 lbs.; Holster furnished **27.50**
No. M21—18 inches, weight 3 lbs. 5 oz.; Holster furnished **28.60**
Mention combination desired.

Extra Holsters **$2.50**

SAVAGE AUTOMATIC AND BOLT ACTION .22 RIFLES

MODEL 6S

AUTOMATIC REPEATING RIFLES



MODEL 6

FOR VERMIN, TARGET, AND RUNNING GAME

Three Rifles in One
Automatic, Bolt Action Repeater, Single Shot

Model 6—.22 Caliber Automatic Rifle—Takedown. As automatic . . . use .22 Long Rifle cartridges, regular or high speed, with lubricated bullets; capacity 15 cartridges. As manually operated repeater or single shot rifle . . . use .22 Long Rifle or .22 Long or .22 Short cartridges; capacity 15 .22 Long Rifle, 17 .22 Long or 21 .22 Short cartridges.

24 inch tapered round barrel with crowned muzzle.

Chrome molybdenum alloy steel used in high shock parts; specially selected steels throughout, scientifically heat-treated. Cross bolt lock for use as single shot or repeater. Action easily disassembled without tools for cleaning. Convenient independent safety. Hammer release mechanism allows the firing of one shot only with each pull of the trigger.

One piece full pistol grip stock with fluted comb and large forestock of selected walnut. Checkered grip. Hard rubber butt plate.

Gold bead front and sporting rear sight, with elevation and windage adjustments. Receiver tapped for mounting Weaver telescope sight. Weight about 6 pounds.

The rifle is automatic in that loading, ejecting and cocking of the action are accomplished by the force of recoil. It is absolutely necessary to pull and release the trigged for each shot fired. If the trigger is pulled and held back only one shot will be fired. The ability to fire successive shots rapidly, increases the chance to take fast moving game usually hunted with a shotgun.

The Model 6 Rifle can be operated by hand as a single shot or as a repeater, if desired, by simply pushing in on the bolt handle.

The left side of the receiver is ventilated to allow gas and powder residue to escape. A thousand shots may be fired before cleaning is necessary.

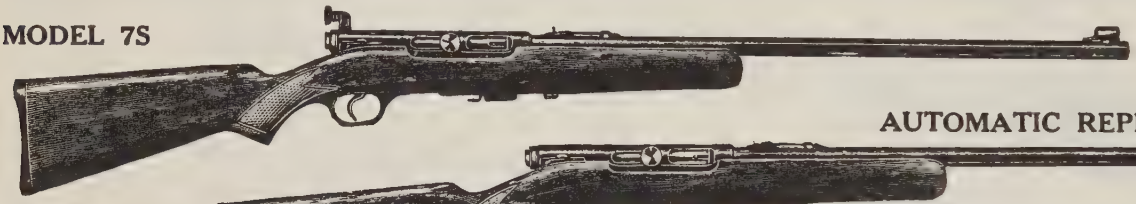
Price **$16.40**

Model 6-S—Same as Model 6 Rifle except equipped with hooded ramp front sight with three interchangeable inserts. Receiver rear peep sight with elevation and windage adjustments and two sighting discs; folding middle sight.

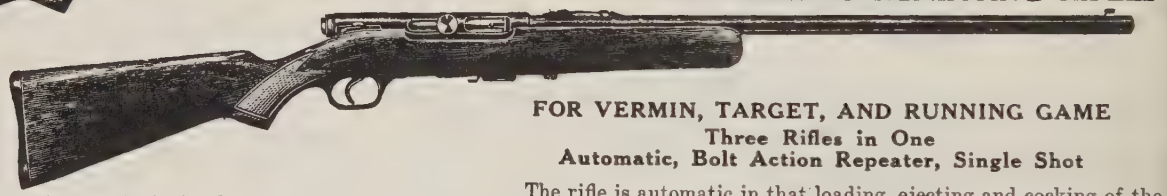
Price **$17.15**

Model 602—.22 Short only **$16.40**

MODEL 7S



AUTOMATIC REPEATING RIFLES



MODEL 7

FOR VERMIN, TARGET, AND RUNNING GAME

Three Rifles in One
Automatic, Bolt Action Repeater, Single Shot

Model 7—.22 Caliber—Automatic Action Repeating Rifle—Takedown—Clip Magazine.

24-inch round, tapered barrel with crowned muzzle. Chambered for .22 Long Rifle, regular or high speed cartridges with lubricated bullets. Also can be used as a hand operated repeater or Single Shot using .22 Long Rifle, .22 Long or .22 Short cartridges. Chrome-molybdenum alloy steel used in high shock parts; specially selected steels throughout. Scientifically heat-treated. Cross bolt locks for use as single shot or repeater. Action easily disassembled without tools for cleaning. Convenient independent safety. Hammer release mechanism allows the firing of one shot only with each pull of the trigger.

Full pistol grip stock and large forestock of selected walnut, oil finish. Checkered grip. Hard rubber butt plate. 5-shot detachable clip magazine. Gold Bead Front and Sporting Rear Sight, with elevation and windage adjustment. Receiver tapped for mounting Weaver Telescope Sight. Weight about 6 pounds.

The rifle is automatic in that loading, ejecting and cocking of the action are accomplished by the force of recoil. It is absolutely necessary to pull and release the trigger for each shot fired. If the trigger is pulled and held back only one shot will be fired. The ability to fire successive shots rapidly, increases the chances to take fast moving game usually hunted with a shotgun.

The Model 7 Rifle can be operated by hand as a single shot or as a repeater, if desired, by simply pushing in on the bolt handle.

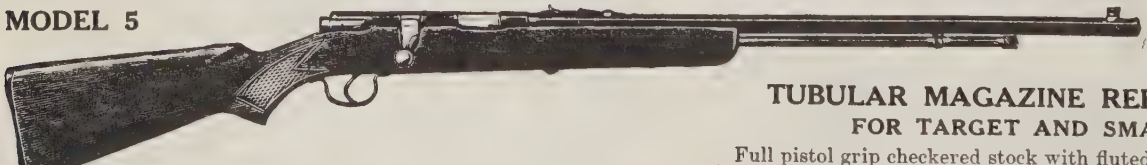
The left side of the receiver is ventilated to allow gas and powder residue to escape. A thousand shots may be fired before cleaning is necessary.

Price **$14.40**

Model 7-S—Same as Model 7 Rifle except equipped with hooded ramp front sight with three interchangeable inserts. Receiver rear peep sight with elevation and windage adjustments and two sighting discs; folding middle sight.

Price **$15.15**

MODEL 5



TUBULAR MAGAZINE REPEATING RIFLE

FOR TARGET AND SMALL GAME

Model 5—.22 Caliber Tubular Magazine Repeating Rifle—Takedown. Fitted with 24 inch tapered, round barrel with crowned muzzle, for .22 long rifle, .22 long or .22 short, "regular" or "high speed" cartridges. Tubular magazine, capacity: 15 .22 Long Rifle, 17 .22 Long or 21 .22 Short cartridges. Self cocking bolt action with independent safety. Chromium plated bolt and trigger. All parts finely polished.

Full pistol grip checkered stock with fluted comb and large broad forestock of selected walnut. Hard rubber butt plate.

Gold bead front and sporting rear sights with elevation and windage adjustments. Weight about 6 pounds. Length over all 43½ inches.

Drilled and tapped for Weaver telescope sights.

Price **$13.45**

Model 5-S—Same as Model 5 Rifle except equipped with target sights same as Model 6-S.

Price **$14.25**

The 4 Newest Models of a Maker Famous Since "Schutzen" Club Days

Down through the past 70 years STEVENS has clung faithfully to the ideals and high standard established by its founder. How much so, is exemplified by these four latest Stevens Models Nos. 417, 417½, 418 and 418½ . . . developments and modernization of famous Stevens rifles that made many world records and were the choice of experts in the days of the "Schutzen" rifle clubs and famous shooting matches.

STEVENS "WALNUT HILL"

NO. 417

for Target Shooting

STEVENS "WALNUT HILL" HEAVY TARGET RIFLE

For HiSpeed or regular cartridges. BARREL—28 inch heavy, round, tested for accuracy. FRAME—Casehardened. ACTION—Original Stevens "Ideal" Breech Block. Automatic Ejector, Lever Action, Short, Fast Hammer Fall. STOCK—American Walnut 13½-inch, Oil Finish, High Comb, Full Pistol Grip Target Model Stock and Forearm, Fitted with 1¼-inch military Style, Neatsfoot Oil Treated Sling Strap, Shotgun Butt with Steel Butt Plate. SIGHTS—Standard Equipment Lyman No. 17A Front, Telescope Blocks, Lyman No. 48L Receiver Sight. WEIGHT—about 10½ pounds. AMMUNITION—.22 Long Rifle

No. 417-0, fitted with Lyman No. 52L Extension Sight . **$55.85**
No. 417-1, fitted with Lyman No. 48L Sight **54.35**
No. 417-2, fitted with Lyman No. 144 Sight in place of No. 48L **48.45**
No. 417-3, without front or rear sights **43.00**
Extra heavy 29 inch barrel add to above prices $25.00

NO. 417½

for Small Game

STEVENS "WALNUT HILL" HEAVY "WALNUT HILL" RIFLE

For HiSpeed or regular cartridges. BARREL—28 inch, Tapered Round, Light Weight, Tested for accuracy. FRAME—Casehardened. ACTION—Original Stevens "Ideal" Breech Block, Positive Extractor, Short, Fast Hammer Fall, Independent Safety Notch on Hammer, Lever Action. STOCK—American Walnut, Oil Finish, High Comb, Full Pistol Grip Stock and Sporting Forearm, Fitted with 1¼ inch Military Style, Neatsfoot Oil Treated Sling Strap, Shotgun Butt with Steel Butt plate. SIGHTS—Lyman No. 28 Gold Bead 3/32 inch Front, Single Folding Leaf Middle, and Lyman No. 144 Tang Peep Sight with Click Adjustment for Elevation and Windage Barrel Tapped for Telescope Blocks. WEIGHT—About 8¼ to 8½ pounds. AMMUNITION—.22 Long Rifle, Regular or High Speed. .22 W.R.F. Regular or High Speed. .25 Stevens R.F. **$43.00**

Stevens "Walnut Hill" **ECONOMY MODELS FOR SMALL GAME**

High Speed or Regular Cartridges

NO. 418

Target Rifle

BARREL—26-inch, Tapered Round, Tested for Accuracy. ACTION—Original Stevens "Ideal" Breech Block, Automatic Ejector, Lever Action, Short, Fast Hammer Fall, Half Cock Safety Notch. SIGHTS—Patridge Type Front, and Lyman No. 144 Tang Peep Sight with Click Adjustment for Elevation and Windage. WEIGHT—About 6½ pounds. No. 418.....Price **$22.15**

NO. 418½ Sporting Rifle

BARREL—26 inch, Tapered Round, Tested for accuracy. FRAME—Case Hardened. ACTION—Original Stevens "Ideal" Breech Block. Positive Extractor, Lever Action, Short, Fast Hammer Fall, Half Cock Safety Notch. SIGHTS—Lyman Gold Bead Front, and Lyman No. 2A Tang Peep Sight. WEIGHT—About 6½ pounds. **$19.85**

Case Hardened Frames

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

STEVENS BUCKHORN RIFLES

STEVENS No. 076—AUTOMATIC RIFLE

Adjustable for Automatic Loading, Hand Operated Repeater or Single Shot

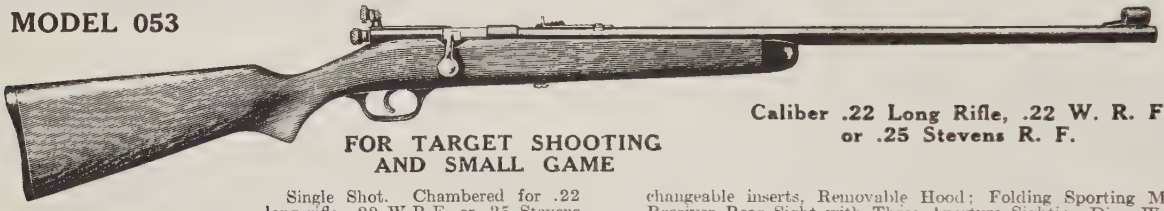
These rifles are the latest in .22 caliber bolt action. The appearance shows the stock is the right shape with full forearm nicely finished with a black forend tip. The action is safe and stands all low pressure and high speed cartridges. The barrel gives accurate performance as expected of the famous Stevens make. The sights are adjustable and come with inserts for Game and Target shooting.

TUBULAR MAGAZINE—15 .22 Long Rifle, regular or high speed with lubricated bullets for automatic loading. For use as a single shot or bolt action repeater with .22 short, long or long rifle cartridges.

TAKEDOWN—24-inch tapered round barrel with crowned muzzle. Cross bolt locks for use as single shot or repeater. Independent safety. Hammer release mechanism allows the firing of one shot only at each pull of the trigger. Stock: Full pistol grip, American walnut, hard rubber butt plate. Equipped with hooded front sight with three interchangeable inserts, receiver rear peep sight with 2 sighting disc. and folding flat top middle sight. Weight about 6 lbs.

No. 076 ..... Price **$16.55**
No. 76—Same as above except equipped with gold bead and open rear sights ..... Price **15.80**
No. 762—.22 short only ..... Price **15.80**

MODEL 053



Caliber .22 Long Rifle, .22 W. R. F. or .25 Stevens R. F.

FOR TARGET SHOOTING AND SMALL GAME

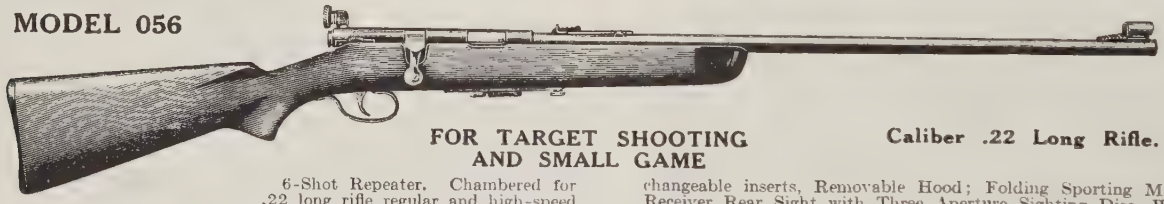
Single Shot. Chambered for .22 long rifle, .22 W.R.F. or .25 Stevens R.F. regular and high-speed cartridges. The .22 L.R. will also shoot .22 long and .22 short. The .25 short may be used in place of .25 Stevens R.F. Barrel: 24 inch, round, tapered, rifled for supreme accuracy. Crowned muzzle. Take-down. Bolt action with independent safety. Stock: Large size, broad forearm, full pistol grip. Walnut stock with Black Tip and Rubber Butt Plate. Sights: Hooded Ramp Front Sight with three interchangeable inserts, Removable Hood; Folding Sporting Middle Sight and Receiver Rear Sight with Three Aperture Sighting Disc. Weight: About 5½ pounds. Length: 41¼ inches.

Price **$6.15**

No. 53—Same as 053 except fitted with Gold Bead front sight and sporting rear sight with elevation and windage adjustment.

Price **$5.45**

MODEL 056



FOR TARGET SHOOTING AND SMALL GAME

Caliber .22 Long Rifle.

6-Shot Repeater. Chambered for .22 long rifle regular and high-speed cartridges. Will also shoot .22 long and .22 short. Barrel: 24 inch, round, tapered, bored and rifled for supreme accuracy. Crowned muzzle. 5-shot detachable clip magazine. Bolt Action: Independent safety. Stock: Large, broad forearm, full pistol grip. Walnut stock with Black Tip and Rubber Butt Plate. Sights: Hooded Ramp Front Sight with three interchangeable inserts, Removable Hood; Folding Sporting Middle Sight and Receiver Rear Sight with Three Aperture Sighting Disc. Weight: About 6 pounds. Length: 43½ inches.

Price **$10.25**

No. 56—Same as 056 except fitted with Gold Bead front sight and sporting rear sight with elevation and windage adjustment.

Price **$9.60**

MODEL 066

FOR TARGET SHOOTING AND SMALL GAME

Caliber .22 Long Rifle.

Tubular Magazine Repeater. Chambered for .22 long rifle regular and high-speed cartridges. Will also shoot .22 long and .22 short. Barrel: 24 inch, round, tapered, bored and rifled for supreme accuracy. Crowned muzzle. Magazine: Capacity—Twenty-one .22 short; seventeen .22 long, or fifteen .22 long rifle cartridges. Bolt Action: Independent safety. Extra large, "heavy-duty" bolt. Stock: Full size, broad forearm, full pistol grip. Walnut stock with Black Tip and Rubber Butt Plate. Sights: Hooded Ramp Sight with three interchangeable inserts, Removable Hood; Folding Sporting Middle Sight and Receiver Rear Sight with Three Aperture Sighting Disc. Weight: About 6 pounds. Length: 43½ inches.

Price **$13.40**

No. 66—Same as 066 except fitted with Gold Bead front sight and sporting rear sight with elevation and windage adjustment.

Price **$12.60**

STEVENS-SPRINGFIELD BOLT ACTION .22 CALIBER RIFLES

MODEL 416-2 STEVENS TARGET RIFLE

For .22 R. F. Long Rifle Cartridges

A NEW MATCH RIFLE

Fully Equipped—Guaranteed Accuracy

This new rifle represents the most recent offering in the .22 arget line and is a genuine contribution by the Stevens factory o the small bore shooter. For the first time a really substantial, vell proportioned match rifle with proper weight, balance, trigger ull, target sights and great accuracy is available at a price vithin reach of many who formerly had to content themselves vith inferior rifles.

No. 416-2 Specifications:

Barrel—26-inch. Heavy Tapered Round, .22 Long Rifle. A ive shot machine rest group with each rifle guarantees extreme ccuracy.

Action—Bolt Action, Five Shot Clip Magazine, Speed Lock, Adjustable Trigger Pull; Bolt Handle of design to permit telescope sight in low position giving same sighting plane as regular sights, Independent Safety with Red Dot Indicator.

Stock—American Walnut, Oil Finish, Adjustable Front Sling Loop, Fitted with 1¼-inch Neats-foot Oil Treated Leather Sling, Checkered Steel Butt Plate.

Sights—New Stevens No. 25 Hooded Front Sight with Five Removable Inserts, and No. 106 Peep Sight, Telescope Blocks.

Weight—With Sling Strap about 9½ pounds.

Ammunition—.22 Long Rifle Regular or High Speed.

No. 416-2 ..... **$29.80**
No. 416-3 (without sights) **25.00**

MODEL 083

FOR SMALL GAME AND TARGET

Caliber .22 Long Rifle, .22 Long, .22 Short, .22 W. R. F., or .25 Stevens R. F.

Barrel—24-inch Round, Tapered with Crowned Muzzle for .22 L. R., .22 L. or .22 S. and .22 W. R. F., Regular or High Speed Cartridges.

Action—Fast Bolt Action, Self Cocking with Safety Firing Pin prevents accidental discharge. Chromium plated bolt and trigger.

Stock—Full size, Oval Military Style, Full Pistol Grip, Walnut Finish, Rubber Butt Plate, Large Take-down Screw.

Sights—Hooded Ramp, Removable Hood, Front Sight with three interchangeable inserts and receiver rear with three sighting discs. Also folding sporting middle sight.

Weight—About 5 lbs. Take-down. Length over all 41¼ inches.

Price **$5.65**
Price Model 83 Open Sights **5.00**

MODEL 084

FOR TARGET SHOOTING AND SMALL GAME

Caliber .22 Long Rifle, .22 Long and .22 Short

Barrel—Tapered, Round, 24-inch, with Crowned Muzzle for 22 L. R., .22 L. or .22 S., Regular or High Speed Cartridges, Take-down, 5 shot Detachable Clip Magazine. Action—Self Cocking, Bolt Action with Independent Safety, Chromium Plated Bolt and Trigger. Stock—Full size, Oval Military Style, Full Pistol Grip, Walnut Finish, Rubber Butt Plate.

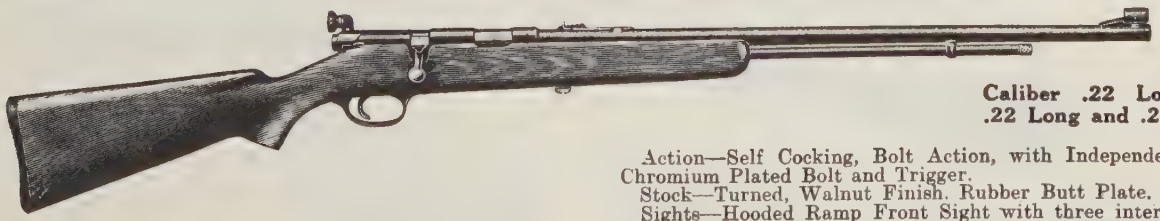
Sights—Hooded Ramp Front sight with removable hood and three interchangeable inserts. Receiver rear with three sighting discs, also folding sporting middle sight. Ammunition—Any .22 L. R., .22 L., or .22 S., High Speed or Regular Cartridge.

Weight—About 6 pounds. Length over all, 43½ inches. **$9.65**

Price Model 84 Open Sights **9.00**

MODEL 086

FOR TARGET SHOOTING AND SMALL GAME



Caliber .22 Long Rifle, .22 Long and .22 Short

Barrels—24-inch, Round, Tapered. Take-down. The rifle has tubular magazine with capacity of fifteen .22 long rifle, eventeen .22 long, or twenty-one .22 short, High Speed or Regular artridges.

Action—Self Cocking, Bolt Action, with Independent Safety, Chromium Plated Bolt and Trigger.

Stock—Turned, Walnut Finish. Rubber Butt Plate.

Sights—Hooded Ramp Front Sight with three interchangeable inserts, Receiver rear sight with sighting disc, also folding sporting middle sight. Weight—5½ pounds. Length over all, 41½ inches.

Price **$12.10**
Price Model 86 Open Sights **11.45**

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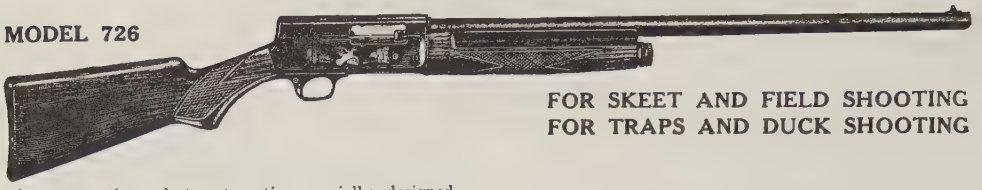
SAVAGE AUTOMATIC SHOTGUNS

SAVAGE "UPLAND SPORTER"

12 and 16 Gauge—3 Shots

MODEL 726



FOR SKEET AND FIELD SHOOTING
FOR TRAPS AND DUCK SHOOTING

The Upland Sporter is a new three-shot automatic especially designed for field shooting. It is light to carry, fast in action and easy to point. The receiver is artistically decorated and this with the special checkering on stock and forearm combine to make an attractive arm for field use. It excels in ease of operation, shooting qualities and all-around dependability.

MODEL 726

Plain round barrel.

BARRELS—12 gauge, 26, 28, 30 and 32-inch lengths; 16 gauge, 26, 28 and 30-inch lengths. Full, modified or cylinder bore.

STOCK—Selected American walnut. Full pistol grip checkered on grip and forestock. Push-button type safety in rear of trigger guard. Magazine capacity two shells, with one in chamber, giving three shots. Receiver channeled and matted in line of sight. Friction ring adjustment for light and heavy loads. Receiver artistically decorated. Weight, 16 gauge, about 7½ pounds; 12 gauge, about 8 pounds.

Price **$46.85**

(Model 720, similar to Model 726 but 5 shot capacity available at same price.)

MODEL 727

With solid raised matted rib. Same specifications as Model 726. Raised rib on barrel gives a flat line of sight from receiver to end of barrel.

Price **$54.70**

(Model 721, similar to Model 727 but 5 shot capacity, available at same price.)

MODEL 728

With ventilated raised rib. Same specifications as Model 726.

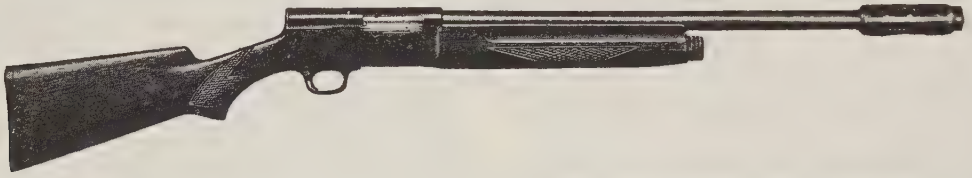
Price **$60.75**

(Model 722, similar to Model 728 but 5 shot capacity, available at same price.)

EXTRA BARRELS FOR AUTOMATIC SHOTGUNS

Plain round barrel **$18.65**
With raised matted rib **26 50**
With ventilated raised rib **32.55**

SAVAGE AUTOMATIC SHOTGUN WITH CUTTS COMPENSATOR



MODEL 720-C—5 shot Model 720-C..**$65.55**
MODEL 726-C—3 shot Model 726-C.. **65.55**

Same specifications as Models 720 and 726 as described above except as follows: 20-inch Special Barrel with Cutts Compensator attached furnished with two choke tubes. Spreader tube making barrel length overall 24⅝ inches. No. 705 Full Choke Tube making barrel length overall 26¼ inches. Modified choke tube will be substituted if specified.

MODEL 740-C—3 shot Skeet Model

With Cutts Compensator and two tubes as above. With special large Beavertail forearm and selected American walnut stock both elaborately checkered and oil finished. Receiver artistically decorated on sides, channeled and matted in line of sight. Friction ring adjustment for light and heavy loads. Weight about 8½ pounds.

Price **$71.10**

SAVAGE AUTOMATIC SHOTGUNS WITH POLY CHOKE

MODEL 720-P—5 shot Model 720-P..**$55.90**
MODEL 726-P—3 shot Model 726-P.. **55.90**

Same specifications as Models 720 and 726 except as follows: Barrel equipped with Poly Choke—26-inch standard length. Any standard barrel length for this model on special order.

MODEL 740-P—3 shot (not illustrated) Price **$59.50**

Skeet Model. Of the same specifications and finish as Model 740-C except with Poly choke. Special barrel equipped with Poly choke. Barrel length 26 inches overall. Weight about 8½ pounds.

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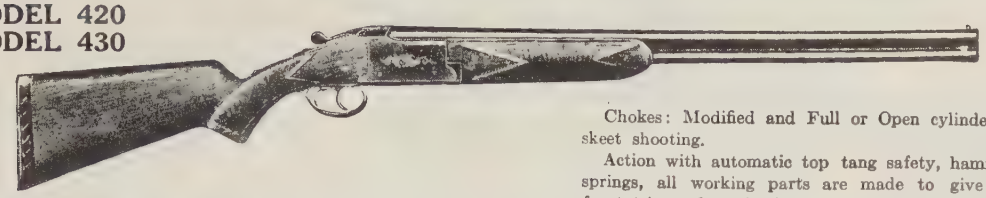
SAVAGE OVER AND UNDER SHOTGUNS

MODEL 420
MODEL 430



The Savage Over-and-Under Double has filled the long felt emand for such a gun. It is beautifully designed, of safe onstruction and has fine balance, especially recommended for ield and Skeet shooting. Once you use one of these new ver-and-Under guns you will find a different reaction of the ecoil; no side whip, therefore much faster to fire your second hot. For the hunter used to shooting a rifle it will appeal nstantly, doing away with the side by side vision always found interfere with the sighting of a double barrel shotgun.

Model 420—Hammerless, Takedown made in 12, 16 and 20 Gauge.

Stock of selected oil finished walnut with full pistol grip. (No checker-g.)

Barrels to be had 12 and 16 Gauge in 26 inch, 28 inch and 30 inch ngth and in 20 Gauge, 26 inch and 28 inch.

Chokes: Modified and Full or Open cylinder and Improved cylinder for skeet shooting.

Action with automatic top tang safety, hammerless with unbreakable coil springs, all working parts are made to give long wearing service. The front trigger fires the lower barrel and the rear trigger the upper barrel.

Stock dimensions on all guns are 14 inch length, drop at heel 2¾ inch, at comb 1⅝ inch.

Weight—12 Ga./28 inch about 7 lbs. 12 oz.
Weight—16 Ga./28 inch about 7 lbs. 6 oz.
Weight—20 Ga./28 inch about 6 lbs. 13 oz.

Price **$35.30**

Model 430—Hammerless, Takedown made in 12 16 and 20 Gauge. Same specifications as Model 420 with following extras:

Barrel with matted side line on top barrel.

Stock of selected Fancy Crotch Walnut with full pistol grip beautifully checkered and fitted with Jostam Anti-Flinch Recoil Pad.

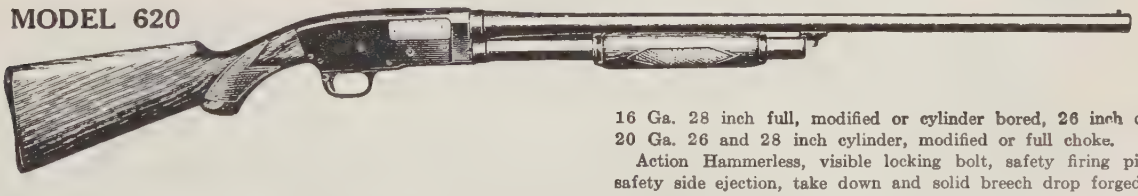
Price **$39.85**

Extras for Models 420 and 430:

Non-selective Single Trigger ..... Price **9.60**
Extra set of barrels for Model 420 ..... **17.65**
Extra set of barrels for Model 430 ..... **20.20**

STEVENS REPEATING SHOTGUNS

MODEL 620



This gun has many features well liked by those who have used . The take-down is one of the simplest ever constructed and based on the Browning patents. This gun will stand heavy loads hen used for Field shooting or in the Duck blind, and when iven proper care it will last a life time. As a Riot gun it is sed for guard duty and stands rough handling. In price it is e cheapest, but in quality it counts among the best.

Model 620 Repeating Shotgun to be had in 12 Ga. 28, 30 and 32 inch ll choked, 28 and 30 inch modified, 26 and 28 inch cylinder bored; 16 Ga. 28 inch full, modified or cylinder bored, 26 inch cylinder bored; 20 Ga. 26 and 28 inch cylinder, modified or full choke.

Action Hammerless, visible locking bolt, safety firing pin, independent safety side ejection, take down and solid breech drop forged.

Stock of American walnut with checkered full pistol grip and checkered slide handle, rubber buttplate. Length 13¾ inches. Drop at heel 2¾ inches.

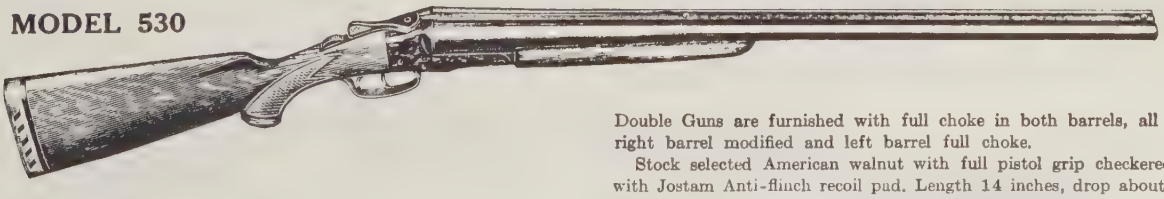
Weight: 12 Ga., about 7¾ lbs., 16 Ga. 7¼ lbs., 20 Ga. about 6 lbs.

Magazine capacity—Six Shots. A plug is furnished to cut down magazine capacity to 3 shots to conform with Government regulations on migratory birds.

Model 620 ..... **$36.60**
Model 620P—Same as above but equipped with Poly-Choke. Barrel 12 Gauge, 28" or 30"; 16 or 20 Gauge, 28" only **41.65**
Model 621 the same as Model 620 with raised matted solid rib **40.10**

STEVENS DOUBLE BARREL HAMMERLESS SHOTGUNS

MODEL 530



The Stevens factory has been making shotguns for a good many ears and knows how to make them to stand up under any and ll conditions. Here is a model designed according to the most odern ideas, nothing forgotten to make these guns as wanted by e shooter for field and skeet.

Model 530 comes with blued compressed forged steel barrels tested with itro Powder. Length: 12 Ga. 26, 28, 30 and 32 inches; 16 Ga. 26, 28 d 30 inches; 20 Ga. 26 and 28 inches; 410 Ga. 26 inches with matted b and 2 Lyman ivory bead sights. All 12 Ga. 32 inch and 410 Ga. Double Guns are furnished with full choke in both barrels, all others have right barrel modified and left barrel full choke.

Stock selected American walnut with full pistol grip checkered and fitted with Jostam Anti-flinch recoil pad. Length 14 inches, drop about 2¾ inches. Frame is polished and case hardened. Action is hammerless with coil springs of new design.

Weight: 12 Ga. 7½ to 8 lbs., 16 Ga. 7 to 7½ lbs., 20 Ga. 6½ to 6¾ lbs., 410 Ga. 5¾ to 6 lbs.

Price **$24.25**

Model 530ST Same specifications as Model 530 except fitted with non-selective single trigger.

Price **$27.60**

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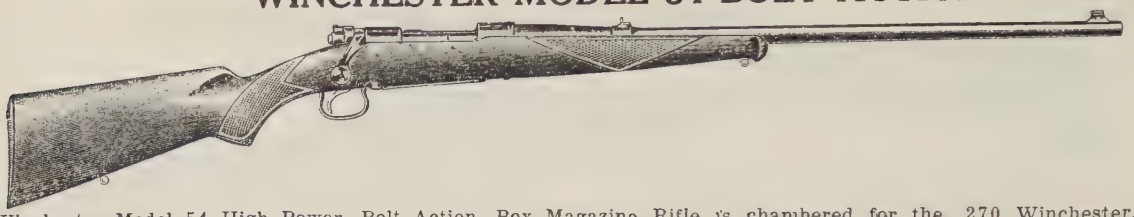
Winchester Repeating Rifles

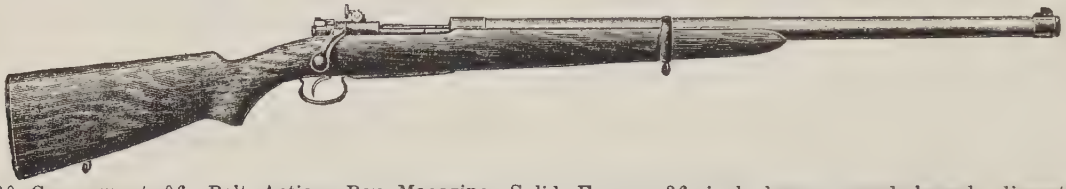
WINCHESTER MODEL 54 BOLT ACTION RIFLE



The Winchester Model 54 High Power, Bolt Action, Box Magazine Rifle is chambered for the .270 Winchester, .30 Gov't '06 and .30 Win. (30/30) cartridge. It is a simple, strong graceful rifle that marks a new achievement in the development of bolt action firearms, 24-inch round tapered barrel of nickel steel, with integral lugs for both front and rear sights, so that there are no cuts into the normal contour of the barrel. Receiver matted on top at front and rear. Pistol grip stock and forearm of selected walnut, handsomely checked. Full fluted comb. Shotgun type butt plate made of steel, cross-ribbed. Bolt is of the up-turn and pull-back type. Handle slopes rearwardly and has an ovoid knob which makes it especially comfortable and convenient to the hand. The locking lugs at front end of bolt are sturdy and unslotted. Lyman gold bead front sight. Lyman folding leaf with plain "U" notch rear sight. Receiver has screw holes for attaching Lyman micrometer windgauge receiver sight No. 48-W. Magazine holds five cartridges, which, with one in chamber, puts six shots at the command of the shooter.

Weighs about 7¾ pounds. Solid Frame only	Price,	$48.00
Lyman No. 48-W Windage Reeiver Sight for this Rifle	Extra,	11.50
Carbine, same as rifle, but 20" barrel, weight about 7¼ lbs	Price,	45.05

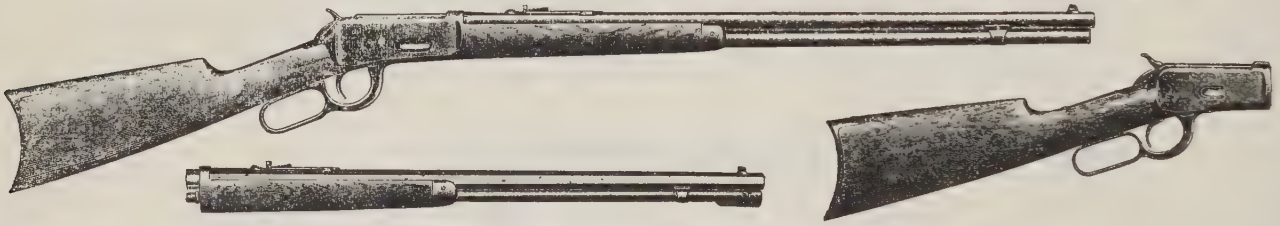
WINCHESTER MODEL 54 SNIPER'S RIFLE



Caliber .30 Government 06. Bolt Action, Box Magazine. Solid Frame. 26 inch heavy round barrel, diameter at breech 1¼ inches, at muzzle ⅞ inches. Equipped with Lyman No. 48W rear peep sight and blade front sight. Can be furnished with Stainless steel barrel at additional cost. Weight about 11¾ pounds. Swivel bows for sling strap.

Price		$123.00
Stainless Steel Barrel Additional	Additional	$15.00
Fitting With Front Sight Band	Additional	$15.00

WINCHESTER MOD. 94 TAKE DOWN AND SOLID FRAME

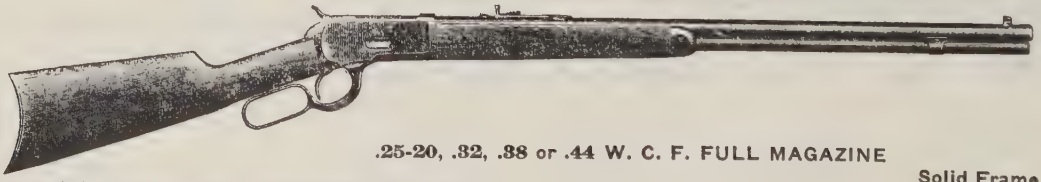


Caliber: .32-40 .38-55 .25-35 Win., .30 Win., 30-30 & .32 Win., Special

This rifle makes an instant appeal to the eye and understanding of every rifleman and use continues to warrent first impression. Its range of calibers is wide enough to make it adapted for large or small game. Nickel steel barrels are standard in this grade.

	Bbl. Length T. D.	Bbl. Length S. F.	Weight T. D.	Weight S. F.	Price T. D.	Price S. F
Carbine, Round Nickel Steel Barrel	None	20"	None	6¼ lbs.	.....	$32.70
Rifle, Round Nickel Steel Barrel	26"	26"	8 lbs.	7¾ lbs.	$39.70	35.30
Rifle, Octagon Nickel Steel Barrel	26"	26"	8 lbs.	8 lbs.	42.45	38.10
Furnished With Half Magazine, Extra					$1.25	1.25

WINCHESTER MOD. 92 TAKE DOWN AND SOLID FRAME



.25-20, .32, .38 or .44 W. C. F. FULL MAGAZINE

	Solid Frame	Take Down
Carbine, round barrel 20 inches long, weight about 5¾ lbs	$27.05	None
Rifle, round barrel, 24 inches long, weight about 6¾ lbs	29.85	$34.35
Rifle, octagon barrel, 24 inches long, weight about 7 lbs	31.75	36.20
Furnished with shotgun butt with Metal or Rubber Butt Plate, Extra		1.25

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Winchester Repeating Rifles

MOD. 07 SELF-LOADING TAKE DOWN RIFLE

Made only for .351 Caliber Winchester Self-Loading Cartridge

The Winchester Self-Loading Take Down Rifle, Model 07 has a 20-inch round nickel steel barrel, plain trigger, pistol grip; stock of plain walnut not checked. Chambered only for .351 caliber high power Winchester Self-Loading Cartridges. Weight about 7¾ pounds. Number of shots 6.

Model 07 Take Down.....Price **$55.55**
Extra 5-shot Magazine.....**$2.50** .Extra 10-shot Magazine.....**$4.00** Checked Forearm, Pistol Grip, Extra **$7.75**

MOD. 10 SELF-LOADING TAKE DOWN RIFLE

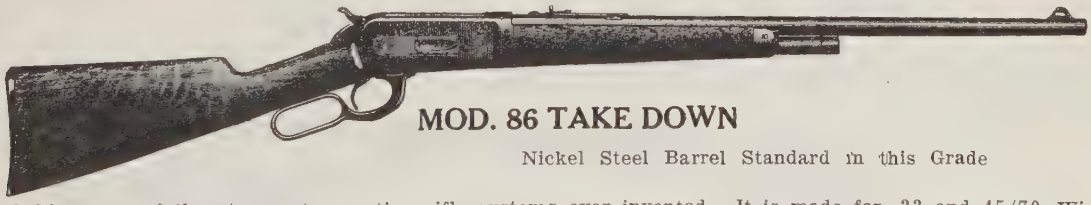
Made only for .401 Caliber Winchester Self-Loading Cartridge

Same type as Model 07 but for the heavier .401 cal. cartridge. The .401 cartridge is loaded with either a 200 or 250 grain bullet. The 200 grain bullet develops a muzzle velocity of 2,133 feet per second with a striking energy at 100 yards of 2,021 foot pounds. The 250 grain bullet develops a muzzle velocity of 1,870 feet per second and a muzzle energy of 1,942 foot pounds. Round, nickel steel barrel, 20" long, plain walnut pistol grip stock and forearm not checked, weight about 8½ lbs. Price **$55.55**

MOD. 03 SELF-LOADING TAKE DOWN RIFLE

This is a 10-shot automatic hammerless rifle using the .22 Winchester automatic cartridge only. The operation, after throwing the cartridge into the magazine, is absolutely automatic, as with all Winchester self-loading rifles. The magazine which is in the stock, is filled through the opening in the stock, the magazine tube first being drawn back.

Round barrel, 20 inches long, plain trigger, plain walnut stock, and forearms not checked, weight about 5¾ lbs... Price **$32.40**
Round barrel, 20 inches long, plain trigger, fancy walnut pistol grip stock and forearm checked, weight about 6 lbs..... **63.05**
Gravity charger ..... **.75**



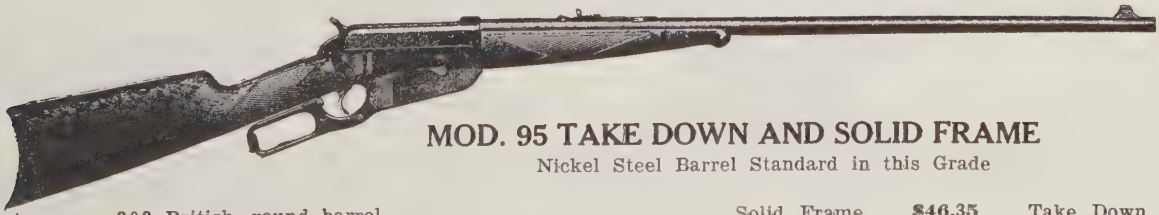
MOD. 86 TAKE DOWN

Nickel Steel Barrel Standard in this Grade

The model 86 is one of the strongest repeating rifle systems ever invented. It is made for .33 and 45/70 Winchester, only. Standard rifles carry four cartridges in the magazine and one in the barrel and have the Sporting Rear Sight.

.33 Caliber 24-inch round nickel barrel and 45/70 Winchester 22 inch barrel, half magazine, weight about 7½ pounds.

Take Down only.....Price, **$57.85**



MOD. 95 TAKE DOWN AND SOLID FRAME

Nickel Steel Barrel Standard in this Grade

Rifle, .30 Army or .303 British, round barrel,.....	Solid Frame	**$46.35**	Take Down	**$58.60**
Rifle, .35 or .405 Winchester, round barrel.....	Solid Frame	**46.35**	Take Down	**58.60**
Carbine, .30 Army or .303 British, round barrel.....	Solid Frame	**46.35**	Take Down	**None**

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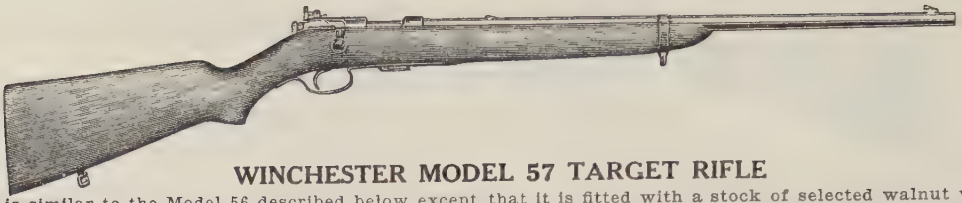
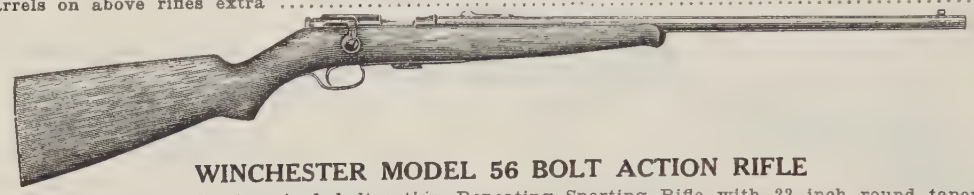
Winchester Rifles



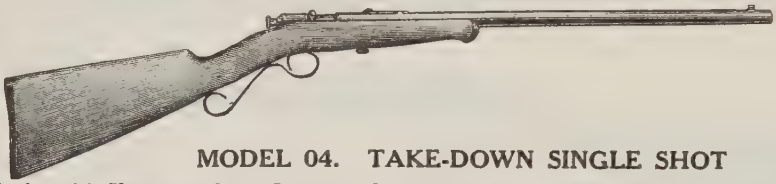
WINCHESTER MODEL 57 TARGET RIFLE

The Model 57 is similar to the Model 56 described below except that it is fitted with a stock of selected walnut with pistol grip and semi-military forearm and fitted with checkered steel butt plate. Front band and swivel bow for special web sling strap. Fitted with Military Blade. Front and Lyman 6W Rear Sight with V shaped notch also Lyman 42W on rear receiver. Detachable box magazine holds five cartridges. Rifle weighs 5 pounds and shoots only cartridges as stamped on barrel. Made for .22 short or .22 long rifle rim-fire cartridges ..... **Price $24.50**
Web Sling Strap Extra ..... **Price 1.00**
Stainless Steel Barrels on above rifles extra ..... **Price 8.00**



WINCHESTER MODEL 56 BOLT ACTION RIFLE

The Model 56 is a light weight, moderate priced, bolt action, Repeating Sporting Rifle with 22 inch round tapered steel barrel attached to the receiver by a sturdy, well fitted thread. The Breech Action is the up-turn and pull-back type. The firing pin is cocked **by the closing movement and the twin extractors hold each cartridge** in exact line when entering chamber. Stock of selected walnut with pistol grip and fitted with checked steel butt plate. Fitted with sporting rear with U shaped notch and alloyed tip front sights. Detachable box magazine holds five cartridges. Rifle weighs 4¾ lbs.., and shoots only cartridges as stamped on barrel. Made for .22 short or .22 long rifle rim-fire cartridges. ..... **Price $21.00**



MODEL 04. TAKE-DOWN SINGLE SHOT

Made for .22 Short and .22 Long and .22 Extra Long Rim-Fire Cartridges.

This Winchester .22 caliber Take-Down Single Shot Rifle has a 21 inch heavy round barrel, adjustable open rear sight, bead front sight, with a bright alloyed tip which will not tarnish, a handsome highly finished butt stock of graceful lines 13¼ inches long, with a rubber shotgun butt plate. A well-shaped blued steel trigger guard affords a good grip and adds to the attractive appearance of the gun. The length of the gun over all is 36¾ inches, and its weight is about 4 pounds. The gun is made with the popular Winchester bolt action, with rebounding lock ..... **Price $8.45**

MODEL 02 SINGLE SHOT

The action of this rifle is of the bolt type, and is exceedingly simple, consisting of very few parts. The barrel is 18 inches in length and is bored and rifled with the same care and exactness employed on all Winchester rifles. It is plain trigger, combination trigger guard and pistol grip; highly polished stock, composition butt plate; weight 3 pounds. No variations from the standard grade can be furnished. **Model 02 Single Shot** ..... **Price $7.05**

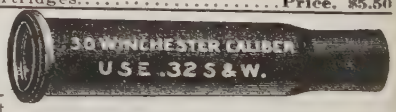
MODEL 58 SINGLE SHOT

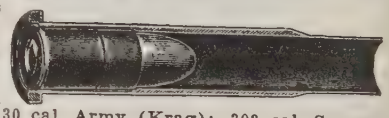
Take Down, 18 inch Round Barrel, Open rear sight, Bright metal blade front sight, Straight grip-stock, Rebounding self locking firing pin. Length over all 33⅜ inches. Shoots .22 Short, .22 Long and .22 Long Rifle Rimfire cartridges ..... **Price, $5.50**

WINCHESTER CANNON

A Breech Loading Cannon for saluting and celebrations. Furnished in 10 gauge with 12 inch tapered, rolled steel cylinder bored barrel. Substantially built with heavy 3⅝ inch wheels. Proof tested with excessive loads of black powder. Barrel blued, the carriage and wheels are nicely japanned, and breech closure hardened black, giving a very neat appearance. The length of the cannon over all is 17 inches, its height 7¼ inches, its width 7 inches.
Price **$12.50**
10 Gauge Blanks, per 100 ..... **3.40**

WINCHESTER SUPPLEMENTAL CHAMBERS





For short range or indoor target practice it gives excellent results at a minimum of expenditure for ammunition. Made for use with the .32 S. & W. cartridge with lead ball in the following rifles: .30 Gov't Model 06; .30 cal. Win.; .30 cal. Army (Krag); .303 cal. Savage; .303 British. Made also for use with .32 short Colt or .32 long Colt for .32 cal W. S. and .32/40 rifles.
Price **$0.50**

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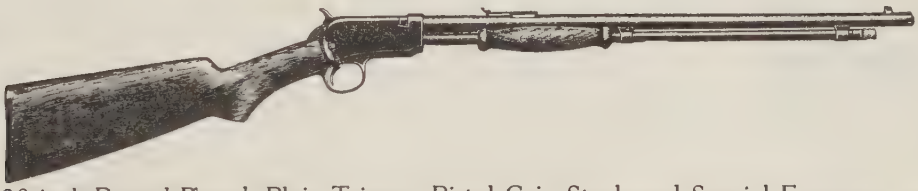
WINCHESTER RIFLES

WINCHESTER REPEATING RIFLE, MODEL 06

Extra Light. For .22 Short, .22 Long, and .22 Long Rifle Rim-Fire Cartridges

Model 06—The Winchester Model 06 is a compact, light-weight, take-down rifle handling .22 short, .22 long nd .22 long rifle rim-fire cartridges. It is attractive in appearance and outline, and in accuracy, reliability of operation nd finish it is up to the established Winchester standard. The repeating and take-down systems used in this rifle are imple, positive, and thoroughly tried, having always given entire satisfaction. This rifle is made with a 20-inch round arrel, fitted with a sporting front sight and an adjustable open rear sight. It measures 35 3-4 inches over all and veighs about 5 pounds; has a handsome straight grip stock 12 7-8 inches long, with a drop at comb of 1 5-8 inches nd at heel of 2 3-8 inches, finished with a rubber butt plate. The magazine holds 15 .22 short and 12 .22 long or 22 long rifle cartridges. Model 1906 rifles can be furnished only according to the above specifications. **Price $21.50**

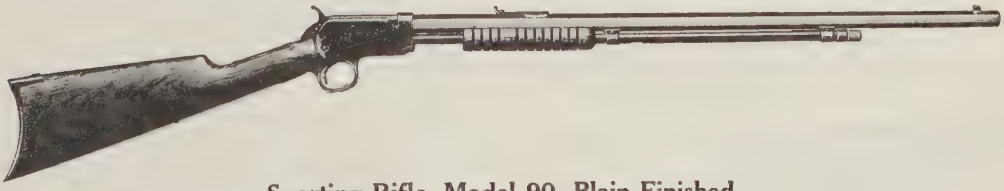
MODEL 06 "EXPERT"



Model 06 "Expert," 20-inch Round Barrel, Plain Trigger, Pistol Grip Stock and Special Forearm ..... **Price, $24.75**

WINCHESTER REPEATING RIFLE, MODEL 90

Take-Down, Made for .22 Short, .22 Long, .22 Long Rifle or .22 W. R. F. Cartridges



Sporting Rifle, Model 90, Plain Finished

24-Inch Octagon Barrel

A Model 90 rifle, chambered for the .22 short cartridge; will handle that cartridge only. A .22 long will handle he .22 long only, and so on. The name of the cartridge for which the gun is intended is stamped upon the barrel. Numer of shots in the magazine: .22 short, 15; .22 long, 12; .22 long rifle, 11; .22 Winchester Rim-Fire, 12.

Model 90—Plain Finish ..... **Price, $24.75**

Model 90—Fancy finish, pistol grip, checkered ..... **Price, 53.75**

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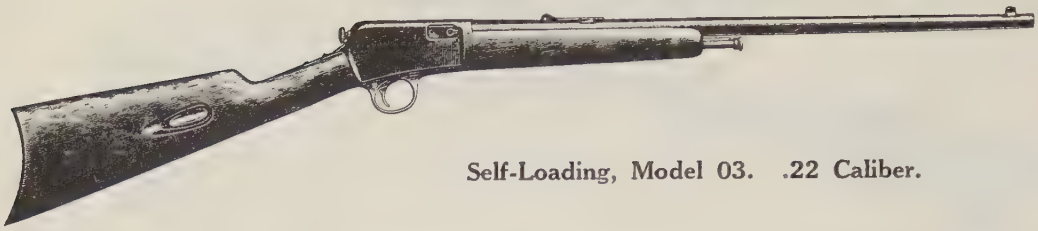
WINCHESTER RIFLES

WINCHESTER AUTOMATIC RIFLES



Self-Loading, Model 03. .22 Caliber.

The Winchester Model 03 is a Ten-Shot Automatic, Hammerless, Take-Down Rifle, adapted to a new .22 Caliber Rim-Fire Cartridge loaded with Smokeless Powder and the Winchester Greaseless Bullet. It is simple in construction and operation, and is the first Automatic Rifle on the market. The Rifle has grace of outline, light weight, certainty of operation, ease of manipulation, and novelty of action, making a most desirable and up-to-date gun. Its loading without movement of the firer enables continued accurate aim and rapid discharge heretofore unknown, and only to be appreciated after trial.

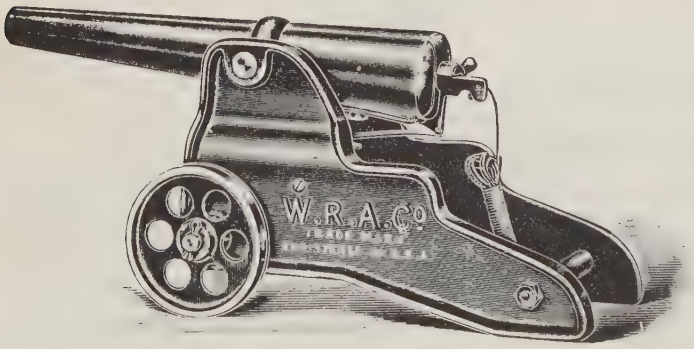
The Winchester Model 03 Automatic Rifle is made with Blued Trimmings, a Plain Walnut Stock and Forearm, not checkered, and a 20-inch Round Barrel, fitted with open Front and Rear Sights. Weight about 5 3-4 pounds. The Stock is 13 1-4 inches long. Drop at Comb, 1 3-4 inches; Drop at Heel, 3 1-4 inches; Length of Gun over all, 36 inches. Fancy Walnut Stocks and Forearms, and Plain or Fancy Walnut Pistol Grip Stocks, checkered or uncheckered, are the only variations from the standard gun that will be furnished.

Model 03 Winchester, .22 Caliber Automatic Rifle, 20-inch Round Barrel, Plain Walnut Stock and Forearm, not checkered ..... **Price, $41.00**

WINCHESTER BREECH-LOADING CANNON

For Saluting and Celebrating

This cannon has been designed to supply a general demand for a low-priced breech-loading cannon possessing safety, simplicity of construction, and ease of manipulation. All these desirable features are combined in this gun. In it can be used either paper or brass shells, and we recommend our .10 gauge Winchester shells loaded with 8 drams of black powder, with two Black Edge and one Card wad, to produce the loudest report. This cannon has so few parts that it cannot readily get out of order or cause any trouble in its operation. It can be easily dismounted, if necessary.



12-inch, .10 gauge, rolled steel, cylinder bore, blued barrel, cast iron frame. Weight about 14 pounds.

Price **$12.25**

Blank cartridges, .10 gauge, 8 drams of powder. **Price,** per 1000 ..... **$41.50**

This page reproduced from Stoeger Catalog Edition No. 10, 1949.

WINCHESTER SELF-LOADING RIFLE, MODEL 07

"Take-Down" Made for .351 High Power Winchester Self-Loading Cartridges. Plain Finished.

20-inch Round Nickel Steel Barrel, Plain Trigger, Pistol Grip; Stock of plain walnut, not checked. Weight about 7¾ pounds. Number of shots, 6, ... **Price, $57.50**

Extra Magazine, 5 shots ..... **Price, $2.50** **Extra Magazine,** 10 shots ..... **Price, 4.00**

THE NEW .401 CALIBER SELF-LOADING RIFLE, MODEL 10

This new Winchester shoots a heavier bullet and hits a harder blow than any other recoil operated rifle made. It is even more powerful than the .30 U. S. Army, of big game hunting fame. The loading and firing of this rifle are controlled by the trigger finger.

Round Nickel Steel Barrel, 20 inches long, "Take-Down," 5 shots, plain Walnut Pistol Grip Stock and Forearm, not checked. Weight about 8¼ pounds.

Price, $57.50

Extra Magazine, 4 shots ..... **Price, 2.50**

.401 Caliber Cartridge with 200 Grain Soft Point Bullet

Fancy Stocks, checked or unchecked, or Stocks of special dimensions, can be furnished on Models 07 and 10 at special price.

EXTRAS FOR WINCHESTER RIFLES

Butt Stocks of special shape, involving change in either length or drop from standard	$17.25
Engraving additional, according to style and quality.	
Half, or Two-Thirds Magazines on Models 92 or 94	1.35
Leaving off Sling Ring and Staples on Carbines	1.35
Full Nickel Plating	6.75
Nickel Plated Trimmings	4.50
Double Set Triggers on Models 86, 92 and 94	5.35
Changing Standard Style of Butt Stock	1.35
Fancy Walnut Stock and Forearm, except on Models 05, 07 and 10 (not checked)	19.25
Fancy Walnut Stock and Forearm, Models 05, 07 and 10 (not checked)	24.75
Checking Fancy Walnut Stock and Forearm	8.25
Pistol Grip Stock and Forearm, Fancy Walnut, checked	33.00
Pistol Grip Stock of Plain Walnut, not checked	5.50
Checking Plain Walnut Stock and Forearm on Models 05, 07 and 10	8.25
Checking Plain Walnut Stock and Forearm, except Models 05, 07 and 10	4.25
Swiss Butt Plate	3.30
Cheek Piece on Fancy Stock	6.75
Leaving off Rear Sight Slot, or changing position of Rear Sight	2.10
Blank Piece to fill Rear Sight Slot	.40
Sling Strap, Leather, without Screw Eyes, Swivel, Hooks and Button	1.65
Sling Strap, with Screw Eyes, Swivel Hooks and Button	2.50
Sling Strap, N. R. A. Style	2.50
Attaching Screw Eyes for Sling Strap	.35
Winchester Recoil Pad fitted to Rifles with Shotgun Butt Stocks	4.50
Silver's Recoil Pad fitted to Rifles with Shotgun Butt Stocks	7.75
Jostam Anti-Flinch Recoil Pad fitted to Rifles with Shotgun Butt Stocks	6.25
Rifle Butt Stocks equipped with Jointed Rod on Models 86, 92, 94 and 95	1.65
Sling Strap Web, Adjustable	1.35

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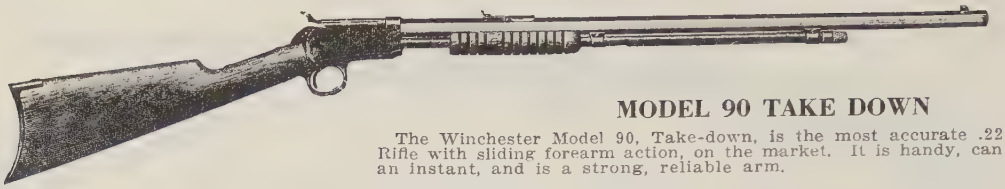
Winchester Rifles



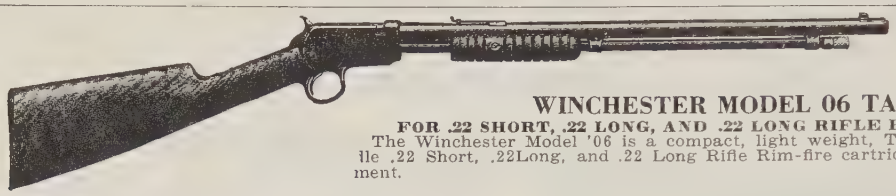
MODEL 90 TAKE DOWN

The Winchester Model 90, Take-down, is the most accurate .22 caliber Repeating Rifle with sliding forearm action, on the market. It is handy, can be taken apart in an instant, and is a strong, reliable arm.

This model is chambered to shoot any one of the following Rim-fire cartridges; .22 Short, .22 Long, .22 Long Rifle, or .22 W.R.F. The Model 90 Rifle will handle only the cartridges for which it is chambered and bored as stamped on the barrel.

The Magazine of the .22 Short Gun will hold fifteen cartridges; the .22, twelve; the .22 Long Rifle, eleven; and the .22 W.R.F., twelve.

PRICE **$23.05**



WINCHESTER MODEL 06 TAKE DOWN

FOR .22 SHORT, .22 LONG, AND .22 LONG RIFLE RIM-FIRE CARTRIDGES

The Winchester Model '06 is a compact, light weight, Take-down Rifle, made to handle .22 Short, .22Long, and .22 Long Rifle Rim-fire cartridges without charge or adjustment.

This rifle has a straight grip stock, with composition butt plate and is fitted with Sporting Front Sight and an adjustable Open Rear Sight. The magazine holds fifteen .22 Short, twelve. 22 Long, or eleven .22 Long Rifle cartridges.

Any Model '06 will handle the .22 Short, .22 Long, or .22 Long Rifle Rim-fire cartridges interchangeably.

These three cartridges are furnished with various combinations of powder and bullet, as shown in section on metallic ammunition.

PRICE **$21.55**

WINCHESTER MODEL 61 TAKE DOWN

STANDARD MODEL 61 RIFLE FOR .22 SHORT, .22 LONG and .22 LONG RIFLE WITH 24-INCH ROUND TAPERED BARREL

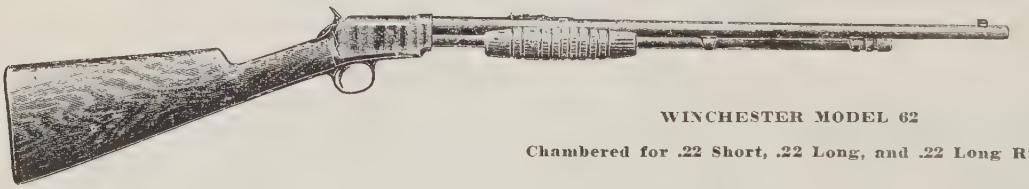
BARREL—24-inch round tapered.
STOCK—Pistol grip stock and semi-beavertail action slide handle of selected walnut with lacquered finish.
BUTT PLATE—Steel (slight curve) checked.

Model 61—.22 Short, .22 Long and .22 Long Rifle (round barrel) **$24.20**
Model 61—.22 Short only (octagon barrel) **25.35**

SIGHTS—Lyman Gold Bead Front Sight and Winchester No. 32-B Sporting Rear Sight. The tang is drilled for a Lyman No. 1 or 2 Combination Peep Sight.
MAGAZINE—Capacity, .22 Short 20, .22 Long, 16, .22 Long Rifle 14.
WEIGHT—About 5½ pounds.

Model 61—.22 Long Rifle only (octagon barrel) **$25.35**
Model 61—.22 W.R.F. only (octagon barrel) **25.35**

WINCHESTER MODEL 62 TAKE DOWN



WINCHESTER MODEL 62

Chambered for .22 Short, .22 Long, and .22 Long Rifle.

This new Model 62 has the same reliable action as the popular Winchester Models 90 and 06, which have proved so satisfactory to over a million and a half shooters.

Chambered for .22 Short, .22 Long, and .22 Long Rifle Cartridges interchangeably, with ample magazine capacity to hold either 20 Shorts, 16 Longs, or 14 Long Rifles. Also chambered for .22 Short only.

The 23-inch barrel is tapered to give perfect balance and if fitted with newly designed Winchester Sporting Rear Sight and Lyman Gold Bead Front Sight.

Full-sized, genuine black walnut, straight grip shotgun butt stock, splendidly shaped full comb, and fitted with slightly curved checkered steel butt plate. The forearm is of new design, well shaped to fit the hand.

Price **$18.05**

MODEL 60 RIFLE

FOR .22 SHORT, .22 LONG AND. 22 LONG RIFLE RIM FIRE CARTRIDGES

Here is the new Winchester Model 60. A sturdy, nice handling little rifle for either the experienced marksman or the beginner. Barrel, 23-inch round tapered. One-piece, walnut pistol grip stock and full rounded forearm with finger grooves. Safety firing pin. Positive extractor. Chromium plated bolt and trigger. Shotgun type butt plate. Sights, Lyman Gold Bead and a new Winchester Sporting Rear Sight with sliding elevator. Weight about 4¼ pounds.

PRICE **$6.40**

WINCHESTER LEVER ACTION RIFLES

MODEL 71

FOR BIG GAME HUNTING

The new Winchester Model 71 universal big-game rifle, with new 86 Golden Jubilee action and shooting the new Super Speed .348 Winchester cartridge, is the world's latest and greatest achievement in a sporting rifle of this handy, dependable and popular type. With its new modern high-efficiency hunting cartridge, developed exclusively for it and furnished with bullets in a choice of two weights, suited for any and all big game on the American continent. Besides important new ballistic superiority, this new Winchester has many other new advantages commending it to you for better success in bringing down big game. Together, your rifle and its cartridge will carry out every promise implied by the exceptional circumstances of their combined development and final production—the modern equivalent of the wonderfully efficient lever-action Winchester and cartridge which preceded them by a span of fifty years—the great Model 86 and black-powder .45-70. Here, in detail, are the facts concerning Model 71 which you wish to know:

Entirely new caliber, which is .348, with 150-gr. bullet giving 2920 f.s. muzzle velocity and 2840 f.p. muzzle energy; with 200-gr. bullet giving muzzle velocity of 2535 f.s. and muzzle energy of 2860 f.p. A new Winchester development with a special new Winchester Super Speed cartridge produced exclusively for this new rifle. The cartridge in both bullet weights being furnished with soft-point bullet, smokeless powder and Winchester Staynless non-corrosive, non-mercuric priming. For comparative ballistics see ballistics section.

SPECIFICATIONS

Caliber, Super Speed .348 Winchester. Barrel 24 inches, round tapered; Gold bead front sight on ramp with removable cover; choice of peep or open rear sight, both quick-adjustable. Solid frame (not takedown). Lever action. Tubular magazine, four shots in magazine with one in chamber makes five-shot repeater. Shotgun butt-stock with pistol grip; semi-beavertail fore-end; pistol grip and fore-end checkered. Furnished with 1-inch N.R.A. leather gunsling attached by quick-detachable bow swivels. Weight about 8 lbs. Also furnished without checkering on stock and fore-end, without pistol-grip cap and without sling and swivels, at proportionate reduction in price.

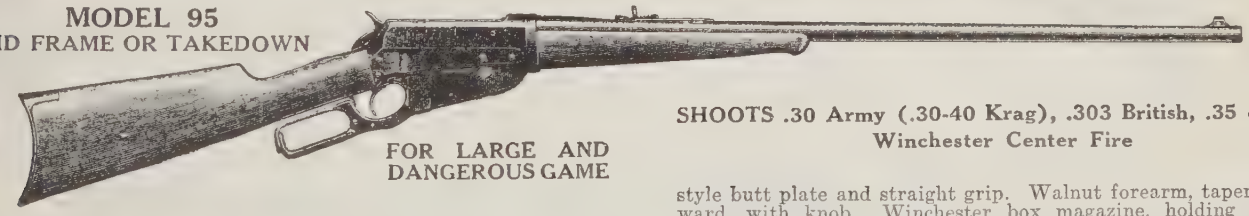
Model 71 Rifle without checkering, gun sling and swivels with Winchester 22J Sporting rear sight $48.05

Model 71 Rifle without checkering, gun sling and swivels with Winchester 98A peep sight 48.05

Model 71 Rifle with Lyman No. 31W front sight and Winchester 22J sporting rear sight 55.00

Model 71 Rifle with Lyman No. 31W front sight and Winchester 98A peep sight 55.00

MODEL 95
SOLID FRAME OR TAKEDOWN



FOR LARGE AND DANGEROUS GAME

SHOOTS .30 Army (.30-40 Krag), .303 British, .35 or .405 Winchester Center Fire

The only Winchester that handles these important and popular modern high-power cartridges. Long the favorite of many leading big game hunters, including Theodore Roosevelt, Sr., who chose it for his famous African and South American expeditions. With the smashing .405 Winchester cartridge—a foot-ton and a half of energy—it dependably kills African buffalo, Indian buffalo, the largest African antelope, African lions and the big Bengal tigers of India, as well as other dangerous and hard-to-kill big game, including our largest North American bears, moose and walrus. Made with 28-inch round barrel for .30 Army and .303 British calibers; 24-inch round barrel for .35 and .405 Winchester. Barrels are not interchangeable. Walnut stock with steel rifle style butt plate and straight grip. Walnut forearm, tapering forward, with knob. Winchester box magazine, holding five .30 Army or .303 British, four .35 or .405 Winchester cartridges—with cartridge in chamber giving six shots or five. Strong, dependable action. Lyman Gold Bead front sight; Rocky Mountain sporting rear sight. Weight approximately 8½ to 8¾ pounds. Regularly furnished in solid frame. Takedown at extra cost.

Rifle—.30 Army (.30-.40) or .303 British, 28-inch round barrel
- Solid Frame $34.60
- Take Down 37.25

Rifle—.35 or .405 Winchester, 24-inch round barrel
- Solid Frame (.35 only) 34.60
- Take Down 37.25

MODEL 95 CARBINE
SOLID FRAME ONLY

FOR BIG GAME

SHOOTS .30 Army (.30-40 Krag), or .303 British

In carbine style, shooting .30 Army or .303 British cartridges, has 22-inch round barrel, carbine type butt stock, long, full-fashioned forearm with finger grooves and crown piece covering barrel from receiver to band. Five-shot magazine. Weight approximately 8 lbs. Solid frame only.

Price $34.60

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WINCHESTER LEVER ACTION RIFLES

MODEL 64
SOLID FRAME

IDEAL FOR DEER AND BIG GAME

SHOOTS .25-35, .30 (.30-30) Winchester or .32 Winchester Special Center Fire Cartridges

BARREL—24 inch round, tapered, with ramp front sight base. STOCK—Specially designed N.R.A. Type pistol grip stock of selected walnut. Shotgun butt with metal butt plate. SIGHTS—Lyman gold bead front No. 31W and Winchester No. 22H Rocky Mountain Adjustable rear with sliding elevator. Upper tang drilled for tang sight. MAGAZINE—Two-thirds magazine. Six shots, five in the magazine and one in the chamber. Model 64 Standard Rifle furnished in two-thirds magazine only. WEIGHT—About 7 lbs. The Model 64 Standard Rifle is especially recommended for medium size game. Its action is the same design as used on the famous Model 94 Winchester with certain refinements, which make it even smoother in operation and produce a lighter trigger pull. The new specially designed N.R.A. Type, pistol grip stock, the gracefully tapered 24 inch barrel with ramp front sight base and the two-thirds magazine, making the rifle a six shot repeater, are the outstanding features. Chambered for .30 (.30-30) Winchester, .25-35 or .32 Winchester Special Center Fire Cartridges. Sighted with standard cartridges. If rifle is to be sighted for Superspeed Cartridges, it must be so specified on order.

Model 64 with 24″ bbl. **$44.85**
Model 64 with 20″ bbl. **44.85**
Model 64 with 20″ bbl., Lyman No. 56 receiver sight and slot blank **50.95**

MODEL 64
DEER RIFLE

SHOOTS .30 (.30-30) Winchester or .32 Winchester Special Center Fire Cartridges

New special styling and finish of stock and forend, with special sling, make this the lever-action rifle many shooters will prefer for deer shooting. Same general specifications as standard Model 64, except as follows: The full pistol grip is checkered, for firm holding, and capped. The new semi-beavertail design forearm is markedly wider, specially shaped to the hand, and checkered. Regular equipment includes stout, inch-wide leather sling strap with quick-detachable swivels. Two-thirds magazine, holding five shots—the cartridge in the chamber making this a six-shot repeater. Sighted for standard cartridges. If for use with Winchester Super Speed Cartridges, special sighting must be specified. Weight approximately 7¾ pounds. Solid frame only.

Model 64 Deer Rifle, 24″ bbl. **$59.20**
Model 64 Deer Rifle, 20″ bbl. **59.20**
Model 64 Deer Rifle, 20″ bbl., Lyman No. 56 receiver sight, and slot blank **65.30**

MODEL 65
SOLID FRAME

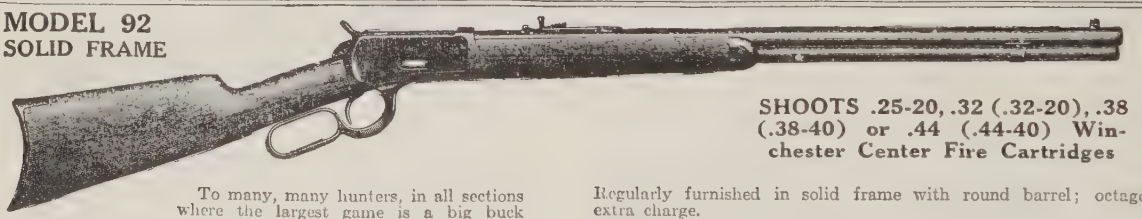
FOR SMALL AND MEDIUM SIZED GAME

SHOOTS .25-20 or .32 (.32-20) Winchester Center Fire Cartridges

An easy-to-carry, fast-handling, reliable rifle styled for quick, accurate shooting. In .32 popular for varmints treed by dogs and for deer at short range. In .25-20 very satisfactory for woodchucks or marmots, foxes, coyotes, bobcats, turkeys, sometimes geese—according to situation and shooting regulations. A real light-weight, with new specially designed N.R.A. type shotgun stock with pistol grip, and gracefully tapered 22-inch round barrel, having ramp front sight base. Stock and forearm of walnut. A development of the well-known Winchester Model 92—the choice of over a million hunters. Lighter trigger pull. New sights—Lyman Gold Bead 31W front; Winchester 22H Rocky Mountain adjustable rear. Half-magazines only—7 shots. One in the chamber makes this an eight-shot repeater. Weight about 6½ pounds. Solid frame only.

Price **$39.75**

MODEL 92
SOLID FRAME



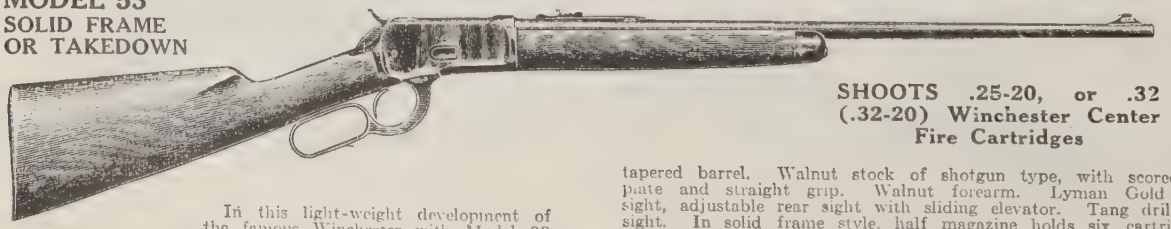
SHOOTS .25-20, .32 (.32-20), .38 (.38-40) or .44 (.44-40) Winchester Center Fire Cartridges

To many, many hunters, in all sections where the largest game is a big buck deer, Winchester Model 92 has long been *the* rifle for all varmints and for deer, turkeys, and sometimes geese. Light to carry, dependable, accurate, and with large magazine capacity. Simple in construction, remarkably easy action; 24-inch round or octagon barrel. Walnut rifle-style stock with straight grip; walnut forearm. Lyman Gold Bead front sight; adjustable rear sight with sliding elevator. Tang drilled for peep sight. Full magazine holds 13 cartridges—with one in chamber gives a 14-shot repeater. Weight about 6¾ pounds. Regularly furnished in solid frame with round barrel; octagon barrel, at extra charge.

Furnished also in carbine style, solid frame with 20-inch round barrel. Magazine holds 11 cartridges—one in chamber gives 12 shots. Weight approximately 5¾ pounds.

	Solid Frame
Carbine, round barrel, 20 inches long, weight about 5¾ lbs.	**$39.95**
Rifle, round barrel, 24 inches long, weight about 6¾ lbs.	**39.95**
Rifle, octagon barrel, 24 inches long, weight about 7 lbs.	**42.30**

MODEL 53
SOLID FRAME OR TAKEDOWN



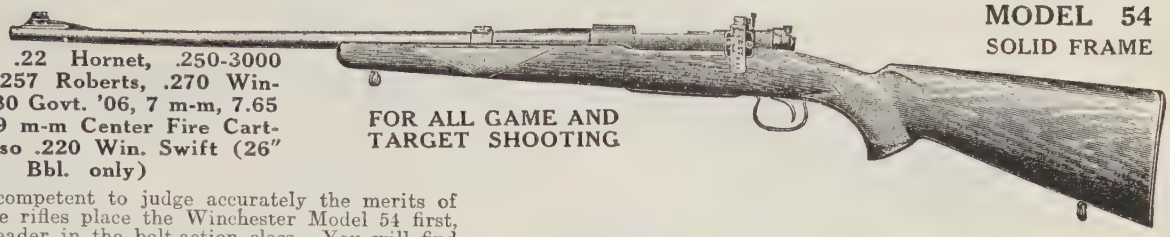
SHOOTS .25-20, or .32 (.32-20) Winchester Center Fire Cartridges

In this light-weight development of the famous Winchester with Model 92 action, hunters obtain a rifle unusually adapted to particular needs, and shooting inexpensive ammunition. Popular for quick, close-range shooting at all game from foxes to deer. Weight 5½ to 6½ pounds, depending on caliber and style. Has 22-inch round, tapered barrel. Walnut stock of shotgun type, with scored steel butt plate and straight grip. Walnut forearm. Lyman Gold Bead front sight, adjustable rear sight with sliding elevator. Tang drilled for peep sight. In solid frame style, half magazine holds six cartridges, one in chamber making a seven-shot repeater. In take down, magazine holds seven cartridges.

Model 53, Solid Frame, .25-20 or .32 W.C.F. Price **$38.35**
Model 53, Takedown, .25-20 only. Price **43.70**

WINCHESTER HIGH POWER BOLT ACTION RIFLES

MODEL 54
SOLID FRAME



SHOOTS .22 Hornet, .250-3000 Savage, .257 Roberts, .270 Winchester, .30 Govt. '06, 7 m-m, 7.65 m-m, or 9 m-m Center Fire Cartridges, also .220 Win. Swift (26" Bbl. only)

FOR ALL GAME AND TARGET SHOOTING

Hunter riflemen competent to judge accurately the merits of all modern big game rifles place the Winchester Model 54 first, as the undisputed leader in the bolt-action class. You will find that it thoroughly bears out this widespread verdict. And besides its distinct superiority in design, materials, construction, finish, handling and performance, it is chambered for a range of cartridges .22 Hornet to 9 mm. which meets all big game shooting requirements. Especially popular for its exceptional all-around advantages for the finest long range big game shooting, at grizzly bears, mountain sheep, and all other Rocky Mountain big game.

Stocked in the most approved modern American hunting style. One-piece walnut stock of improved N.R.A. type, with steel buttplate, cross-ribbed to prevent slipping, full fluted comb, well-curved pistol grip, and deep oval forestock; grip and forearm nicely checkered. The 24-inch round, tapered barrel has milled integral lugs for both sights and anchoring to forearm (instead of usual band). Bolt's sturdy locking lugs are unslotted. Firing pin cocks on opening movement—is easily removed, without tools, for cleaning. Safety lock, at rear of bolt, lies on right side when in firing position. Magazine, completely enclosed, staggered box type, holds five cartridges. Lyman No. 31W Gold Bead front sight, on ramp base; Winchester No. 22G sporting rear sight. Receiver drilled for attaching Lyman No. 48W micrometer windgauge receiver sight. Top of receiver matted to prevent glare. Sling swivels provided; shooting gun-sling extra. Weight approximately 7¾ lbs. Made in solid frame only. Lyman No. 48W receiver sight furnished at extra charge.

Standard rifle 24 inch round barrel	**$59.75**
Standard rifle 24 inch round barrel with Lyman 48W receiver sight	**71.25**
Standard rifle 20 inch carbine barrel with Lyman 48 receiver sight	**71.25**
Carbine	**55.30**

The carbine has 20 inch carbine barrel, special carbine finish, ribbed steel butt plate, fluted forearm with finger groove, no checkering, pistol grip, Lyman gold bead front sight without ramp, and two-leaf rear sight—one fixed, one folding—weight 7¼ lbs.

MODEL 54
SUPER GRADE

Calibers—.22 Hornet, .250-3000 Savage, .257 Roberts, .270 Win., .30 Govt. '06, 7 m-m, 7.65 m-m, 9 m-m, also .220 Win. Swift (26" Bbl. only)

FOR WOODCHUCKS AND BIG GAME

Super Grade, 24" round barrel, new design stock with cheek piece, fancy checkering on pistol grip and fore-end, rubber pistol grip cap, ⅞" leather sling strap, front sight on ramp base and with sight cover.

Price **$83.35**

Super Grade, same as above, with addition of Lyman No. 48W Receiver Sight.

Price **$94.85**

MODEL 54 NATIONAL MATCH RIFLE, GOVT. 30/36

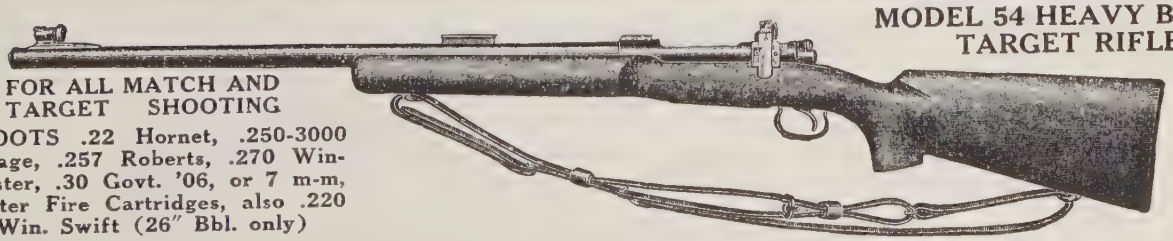
FOR MATCH AND TARGET SHOOTING

This is an improved style of the standard model 54 designed for Match use. The stock is of the new design target style with wide beavertail fore-end illustrated below on the Model 54 Target Model, with dimensions of 1⅜" x 1 11/16" x 13¼" with 3" pitch. Equipped with Lyman 48 W. J. Receiver Sight, as well as bases for standard telescope sights.

This model has target butt plate, 1¼" bow swivels, 1¼" leather sling and weighs about 8¾ lbs. On special order this model may be had in any other standard Winchester Model 54 Caliber.

Price **$93.00**

MODEL 54 HEAVY BARREL TARGET RIFLE



FOR ALL MATCH AND TARGET SHOOTING

SHOOTS .22 Hornet, .250-3000 Savage, .257 Roberts, .270 Winchester, .30 Govt. '06, or 7 m-m, Center Fire Cartridges, also .220 Win. Swift (26" Bbl. only)

This model has 24" heavy round floating barrel, Lyman 48 W. J. Receiver Sight and 17A Front Sight as well as bases for standard telescope sights. The stock is of the new target design with full pistol grip and full fluted comb. Girth of grip, 5 5/16"; distance from center of trigger to end of grip 3"; full beavertail fore-end 2 7/16" wide; stock dimensions 1⅜ x 1 11/16 x 13¼". Equipped with 1¼" swivels and leather sling strap. Length overall, 44⅜"; weight, about 10½ lbs.

Price **$100.50**

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WINCHESTER REPEATING RIFLES .22 CALIBER

MODEL 62
TAKEDOWN

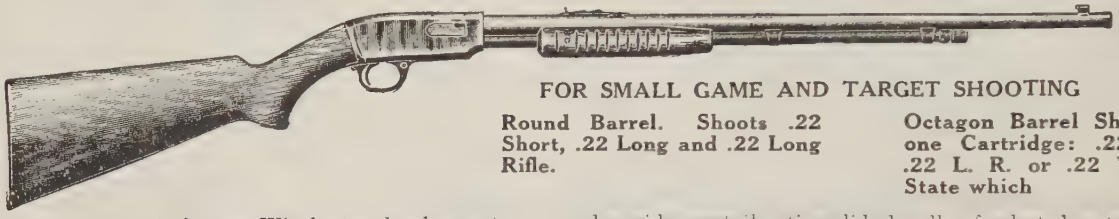
FOR SMALL GAME AND MOVING TARGETS

SHOOTS .22 Short, .22 Long and .22 Long Rifle Rim Fire Cartridges

Another of Winchester's newer models—developed from the world-wide popular favorite Winchester Model 90. Like the new Model 61, has a fast, snappy action and fine balance—well adapted for moving targets and running small game. Accurate. Dependable. Durable. The popular all-around .22 for men and young shooters alike; widely used in shooting galleries. Shotgun type stock, walnut with composition butt plate and straight grip; new design walnut action slide handle. Round tapered barrel, 23 in. Winchester 75C bead front sight; Winchester 32B sporting rear sight. Magazine holds 20 Short, 16 Long or 14 Long Rifle cartridges. Takedown only. Simple, handy takedown. Furnished chambered for .22 Shorts only at no extra charge.

Price **$17.25**

MODEL 61
TAKEDOWN



FOR SMALL GAME AND TARGET SHOOTING

Round Barrel. Shoots .22 Short, .22 Long and .22 Long Rifle.

Octagon Barrel Shoots only one Cartridge: .22 Shorts; .22 L. R. or .22 W. R. F. State which

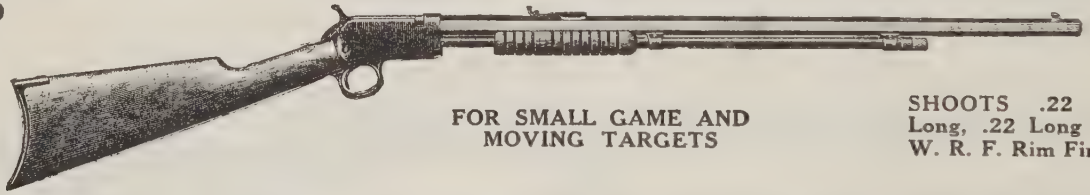
The action represents an entirely new Winchester development of the closed-in breech, hammerless slide action. It is fast, smooth, and sure-functioning. The tubular magazine is designed to hold 20 of the .22 Shorts, 16 Longs or 14 Long Rifles. The .22 W. R. F. rifle will hold 15 cartridges in the magazine.

The full sized walnut stock has a finely shaped pistol grip. The stock is of the shotgun butt type with a slightly curved, checked steel butt plate. The action slide handle is an entirely new departure for this type of rifle. It is a gracefully formed semi-beavertail handle of the type that has become increasingly popular in recent years on shotguns and large rifles.

BARREL—24-inch round tapered; STOCK—Pistol grip stock and semi-beavertail action slide handle of selected walnut; BUTT PLATE—Steel (slight curve) checked; SIGHTS—Lyman Gold Bead Front Sight and Winchester No. 32-B Sporting Rear Sight. The tang is drilled for a Lyman No. 1 or 2 Combination Peep Sight with special Model 61 base; MAGAZINE—Capacity, .22 Short, 20, .22 Long, 16, .22 Long Rifle 14; WEIGHT—About 5½ pounds.

Model 61—.22 Short, .22 Long and .22 Long Rifle (round barrel) **$23.25**
Model 61—.22 Short only (octagon barrel) **24.65**
Model 61—.22 Long Rifle only (octagon barrel) **24.65**
Model 61—.22 W.R.F. only (octagon barrel) **24.65**

MODEL 90
TAKEDOWN



FOR SMALL GAME AND MOVING TARGETS

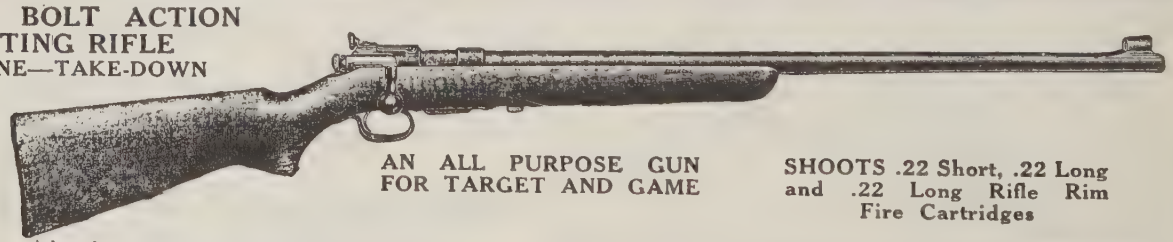
SHOOTS .22 Short, .22 Long, .22 Long Rifle or .22 W. R. F. Rim Fire Cartridges

No other .22 rim fire rifle ever made has ever approached the record of this old favorite Winchester. Strong, reliable, accurate, fast working, well-balanced—used by leading professional exhibition shooters all over the world. Light in weight, easy to handle, popular with shooters of all classes and ages. Parts are few, and easily interchangeable—one good reason why this always has been the leading choice of shooting galleries. Breech bolt plainly visible and accessible, large in size to permit use of strong firing pin and extractor and cover cartridge head completely. Every rifle chambered, bored and marked for the individual cartridge for which it is to be used; does not handle different sizes interchangeably. Walnut stock of rifle style with steel butt plate and straight grip; walnut slide handle of original Model 90 design. Octagon barrel, 24 inches. Bead front sight with bright, non-tarnishing metal tip; adjustable rear sight. Magazine holds 15 Short, 12 Long, 11 Long Rifle, or 12 W.R.F. cartridges.

Weight approximately 5¾ lbs. Takedown only.

Price **$22.80**

MODEL 69 BOLT ACTION REPEATING RIFLE
BOX MAGAZINE—TAKE-DOWN



AN ALL PURPOSE GUN FOR TARGET AND GAME

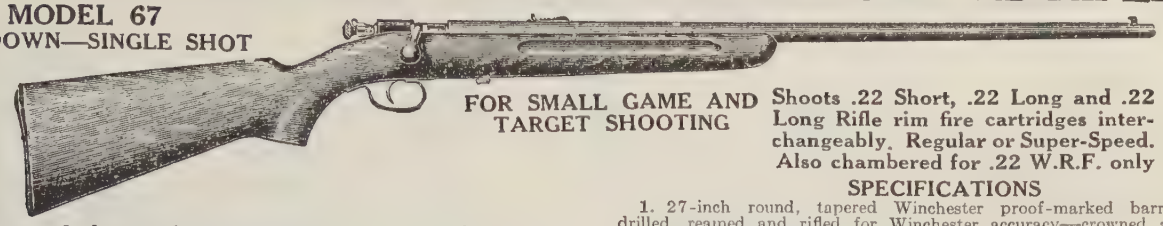
SHOOTS .22 Short, .22 Long and .22 Long Rifle Rim Fire Cartridges

Rifle, 25" round tapered barrel, with crowned muzzle, sporting type walnut pistol grip stock, semi-beavertail fore-end, Winchester 97-A front sight fitted with ramp and sight cover and Winchester 96-B peep rear sight. New design pear shaped bolt handle. Composition butt plate **$11.50**

Rifle, as above, with Winchester 32-B Open Sight in place of 96-B peep rear sight **$11.25**
Extra 5-cartridge magazine **1.00**
Extra 10-cartridge magazine **1.25**

WINCHESTER BOLT ACTION SMALL BORE .22 RIFLES

MODEL 67
TAKEDOWN—SINGLE SHOT



FOR SMALL GAME AND TARGET SHOOTING

Shoots .22 Short, .22 Long and .22 Long Rifle rim fire cartridges interchangeably. Regular or Super-Speed. Also chambered for .22 W.R.F. only

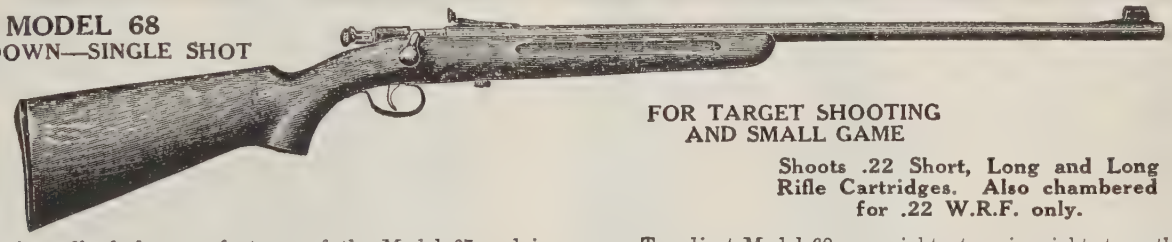
New—improved—larger—better handling—this fine rifle—every inch a Winchester—will fill you with admiration and astonish you with its surprisingly low price. Full man-sized stock. Light, handy, finely balanced. Single-shot military type bolt action, with typical Winchester simplicity, sureness and sturdiness. New Winchester safety—doubly positive. When locked, the rifle can not be fired. New Winchester bolt handle—pear-shaped instead of the conventional ball—more convenient, sure and speedy. Full-sized, one-piece pistol-grip stock of genuine American walnut, designed for comfortable fit in any shooting position. Sporting type forearm, deep, well rounded, of semi-beavertail style with convenient thumb and finger grooves. Winchester proof-marked 27-inch barrel, round and tapered, crowned at muzzle. Adequate sight equipment. Quick, easy takedown. A handsomely finished arm with bright, chrome-finished non-tarnishing bolt, bolt handle, trigger and safety lock. Popular weight about 5 pounds.

Price $5.25

SPECIFICATIONS

1. 27-inch round, tapered Winchester proof-marked barrel—precision drilled, reamed and rifled for Winchester accuracy—crowned at muzzle.
2. Sporting rear sight with sliding elevator.
3. Sporting bead front sight—with bright, non-tarnishing alloy bead.
4. Military firing-pin safety lock—safe, sure. When locked the erect thumb lever tells instantly, standing up in line of vision.
5. Instantly removable bolt. No extra parts to drop or lose. Carry it in your pocket or pack, others can't use your rifle in your absence. At home, for same precaution lock it in a drawer.
6. New design bolt handle—pear-shaped, bright chrome finish. Fits hand better, works sure and fast.
7. Bolt is short and compact; aids accuracy, works faster, lessens vibration. Removed, gives free access for cleaning bore.
8. New safety firing pin never touches cartridge except when trigger is pulled.
9. Ejector automatic, positive, throws empty cartridge clear of rifle.
10. Man-sized stock of real walnut, with full pistol grip.
11. Deep, wide, semi-beavertail forearm, non-slip thumb-and-finger grooves.
12. Shotgun type non-skid composition butt plate.
13. Light yet steady, evenly balanced weight of about 5 pounds.
14. Take-down screw placed behind balance, out of the way of shooter's hand.

MODEL 68
TAKEDOWN—SINGLE SHOT



FOR TARGET SHOOTING AND SMALL GAME

Shoots .22 Short, Long and Long Rifle Cartridges. Also chambered for .22 W.R.F. only.

Model 68 has all of the new features of the Model 67 and in addition is equipped with a combination of target sights unequalled in a rifle in this grade.

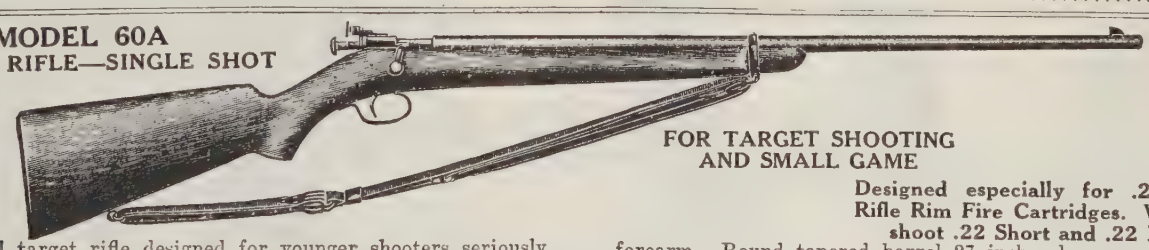
This new Winchester has a ramp-base front sight with sight cover and a unique peep rear sight with graduated click adjustments for both elevation and windage.

To adjust Model 68 rear sight—to raise sight, turn the notched disc to the right the necessary number of clicks. To adjust for windage, push the pointer to the right or left as required.

Model 68 is fitted with a positive extractor which withdraws the fired shell and throws it clear of the rifle.

Price $6.00

MODEL 60A
TARGET RIFLE—SINGLE SHOT



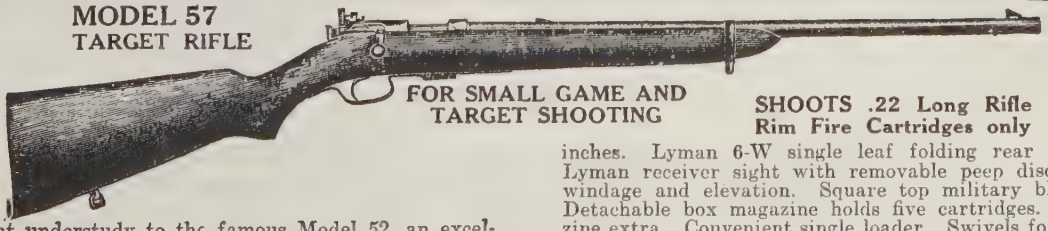
FOR TARGET SHOOTING AND SMALL GAME

Designed especially for .22 Long Rifle Rim Fire Cartridges. Will also shoot .22 Short and .22 Long

A special target rifle designed for younger shooters seriously undertaking to win marksmanship honors and enter competition. Meets all requirements for N.R.A. Junior Rifle Corps, Boy Scout and other junior marksmanship qualifying scores. With Winchester .22 Long Rifle Precision cartridges is second choice only to the Winchester Model 57 for junior match shooting. Man-sized N.R.A. target type, one-piece walnut stock, with checkered steel butt plate, pistol grip and special beavertail forearm. Round tapered barrel 27 inches long, specially bored and lapped for fine accuracy. Military type bolt action, with safety firing pin and opening in top of bolt marked "Safe" in black and "Fire" in red. Winchester 93-A square top Patridge type front sight; Lyman 55-W receiver peep sight. Sling swivels and 1¼-inch Kerr web sling strap. Weight approximately 5½ pounds. Solid frame only.

Price $8.00

MODEL 57
TARGET RIFLE



FOR SMALL GAME AND TARGET SHOOTING

SHOOTS .22 Long Rifle Rim Fire Cartridges only

The lightweight understudy to the famous Model 52, an excellent target and game rifle. Has same general mechanical features, except has different style of safety firing pin and different lock. Twin extractors hold each cartridge exactly in line for feeding without bullet mutilation even in rapid fire. Military type, walnut one-piece stock with checkered steel butt plate, pistol grip and long, deep, oval-shaped forestock. Round tapered barrel, 22 inches. Lyman 6-W single leaf folding rear sight on barrel. Lyman receiver sight with removable peep disc, adjustable for windage and elevation. Square top military blade front sight. Detachable box magazine holds five cartridges. Ten-shot magazine extra. Convenient single loader. Swivels for standard shooting gunsling. Weight approximately 5 pounds. Solid frame only—essential to fine target shooting.

Price	$25.00
Extra 5-shot magazine	1.00
Extra 10-shot magazine	1.25
1¼ inch Kerr Web Sling Strap	1.38

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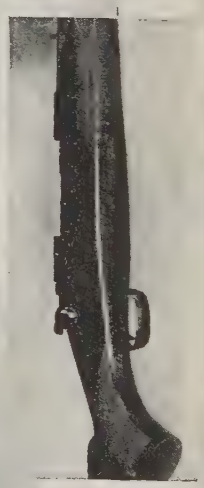
The *WINCHESTER* Model 70

TRADE MARK

The Winchester Model 70 is especially well adapted for long range work and for hunting where strength, accuracy and durability are required. It is available in a selection of calibers suitable for any big game in the world. The gun is simple, graceful and well-balanced, following the lines of a fast-handling modern shotgun. The Winchester 70 standard is a particularly superior sporting firearm which adapts itself perfectly to all modern requirements.

Round tapered barrel of Winchester proof-steel. Pistol grip N.R.A. type walnut stock with full, well shaped fore-end. Grip and fore-end checkered. Length of pull 13½"; drop at comb 1⅝"; drop at heel 2⅝". Bead front sight on ramp base with sight cover. Winchester 22G open sporting rear sight, round top. Flat top rear sight substituted, if specified. For flat top sight add letter "F" to symbol as shown below. New Winchester design safety, operating in horizontal plane. 5 cartridge (4 in .300 and .375 H. and H. Magnum calibers) magazine with hinged floor plate. Weight about 8¼ lbs.

Magazine floor plate is hinged, giving quick easy access to empty or clean magazine.



Front sight is forged integral with barrel, and ramp is matted to prevent glare. Spring steel sight cover is quick-detachable.

MODEL 70 BOLT ACTION REPEATING RIFLE—Standard Grade
For .22 Hornet, .250-3000 Savage, .270 Winchester, .30 Govt. M/06, 7 m/m, .257 Roberts, and .375 H.H. Magnum, with 24" barrel.
For .220 Swift, .300 H. H. Magnum with 26" barrel.

Price $61.80

Without sights 24" barrel 30-06 caliber, **$59.63**

MODEL 70 BOLT ACTION with Lyman 48 WJS Receiver Sight
With Wind Gauge Receiver Sight in place of Winchester 22-G open sporting Rear Sight.

Price $73.51

MODEL 70 BOLT ACTION with 20" Round Barrel
For .22 Hornet, .250-3000 Savage, .270 Winchester, .30 Govt. M/06, 7 m/m, .257 Winchester Roberts.

Price $61.80

MODEL 70 BOLT ACTION with 20" Round Barrel and
Lyman 48 WJS Receiver Sight.

Price $73.51

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HIGH POWER BOLT ACTION RIFLES

New 120 safety lock, operating horizontally. Quicker, easier to shift, with three positions: OFF, Intermediate and ON. Intermediate locks the firing pin, not the bolt; ON locks both. From top down the cuts show respectively ON (locked), Intermediate and OFF (unlocked) with firing pin cocked. Bottom left, OFF with pin in fired or uncocked position.

Safety is easily, quickly operated with the thumb of the trigger hand, push and pull. Easy for a right-hand shooter and convenient for one who is left-handed.

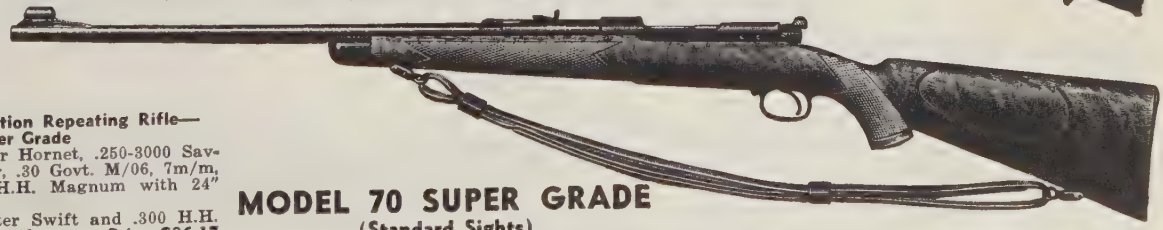
In each of these four close-ups showing the safety, the bolt stop's vertically operating small thumb lever is to be seen immediately behind the receiver at the left to bolt sleeves. To remove bolt, depress thumb lever, raise bolt handle and pull back.

This is a Winchester proof-steel rifle, all major parts being made of special heat-treated alloy steel. This has among other advantages, higher tensile strength, elastic limit and resistance to erosion. The Winchester Model 70 Super can withstand any standard charge of American rifle powder used with a normal bullet. Each rifle has been tested to insure a breech pressure from 30 to 45% higher than the regular service load. The stock is made of selected black walnut of the improved Winchester type, and has greatly improved handling feel due to considerably more wood forward, with balance maintained.

Round, tapered barrel of Winchester proof-steel. American walnut stock with cheek piece. Pistol grip and fore-end fancy checkered. Length of pull, 13½"; drop at comb, 1⅝"; drop at heel, 2⅝". Redfield full gold bead front sight on ramp with sight cover. Winchester 22G open sporting rear sight, round top. Flat top rear sight substituted if specified. For flat top sight add letter "F" to symbol shown below. New Winchester design safety operating in horizontal plane. 5 cartridge (4 in .300 and .375 H. and H. Magnum calibers) magazine with hinged floor plate. N. R. A. ⅞" leather sling strap attached by quick detachable swivels. Weight about 8¼ lbs.

Model 70 Standard Rifle—With Lyman 57W Receiver Sight
For .22 Hornet, .250-3000 Savage, .270 Winchester, .270 Winchester, .30 Govt. M/06, 7m/m, 257 Roberts.....Price $67.40
With 20" Barrel.....Price $67.40

MODEL 70 STANDARD
(With Lyman #57W Receiver Sight)



Model 70 Bolt Action Repeating Rifle—Super Grade
For .22 Winchester Hornet, .250-3000 Savage, .270 Winchester, .30 Govt. M/06, 7m/m, .257 Roberts, .375 H.H. Magnum with 24" barrel.
For .220 Winchester Swift and .300 H.H. Magnum with 26" barrel.....Price $86.17

MODEL 70 SUPER GRADE
(Standard Sights)

Model 70 Bolt Action Repeating Rifle—Super Grade with Lyman #48WJS Receiver Sight—Solid Frame
Same specifications as Standard Model.
Price $97.87

MODEL 70 SUPER GRADE
(With Lyman #48WJS Receiver Sight)

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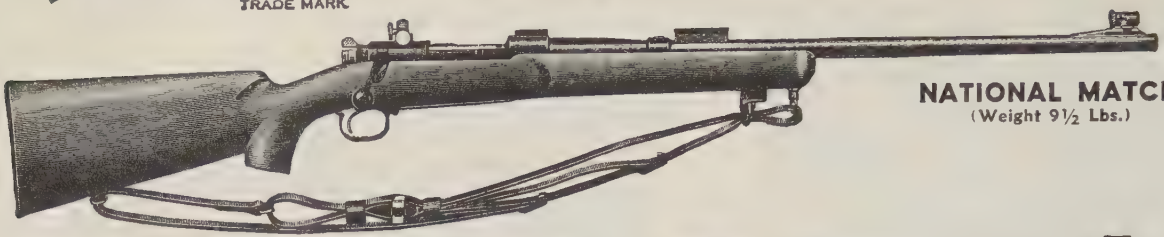
WINCHESTER Model 70 Match Rifles

TRADE MARK



NATIONAL MATCH
(Weight 9½ Lbs.)

TARGET
(Weight 10½ Lbs.)

The new Winchester Model 70 target rifles, three in number, have been developed to meet the requirements of all long-range high power target shooting, and also to give service in long-range shooting at small game. All three have the same target start, differing only in the barrels.

All are characterized by a specially designed one-piece target stock of solid, close-grain selected black walnut—ample in size and weight, with large butt-stock, well rounded comb, large full pistol grip, curving close to the guard, target butt plate and long, wide beaver-tail forestock. A new improvement is an adjustable forestock base for the forward sling swivel, which provides for adjustment to suit the shooter's reach. A sling accessory located here, bakelite hand-rest, raises the sling and avoids pinching the hand.

For .22 Win. Hornet, .250-3000 Savage, .270 Win., .30 Govt. M/06, 7 M/M, .257 Win. Roberts,—with 24" barrel. For .220 Win. Swift, .300 H. & H. Magnum with 26" barrel.

MODEL 70—NATIONAL MATCH RIFLE

24" round Winchester Proof Steel barrel, floating type. Marksman design stock with full pistol grip and full fluted comb. Length of pull, 13¼"; drop at comb, 1 9/16"; drop at heel, 1⅞"; pitch down, 3"; Lyman No. 77 front sight on forged ramp sight base. Lyman No. 48WH receiver sight. Telescope mount bases. 1¼" leather Army type tan sling strap.

PRICE: Super grade with Lyman 48WJS sights
With Lyman 77 and 48WH.....**$96.86**

MODEL 70—TARGET

Medium weight Winchester Proof Steel barrel. Marksman design stock with full pistol grip and full fluted comb. Length of pull, 13¼"; drop at comb, 1 9/16"; drop at heel, 1⅞"; pitch down, 3". Lyman No. 77 front sight, Lyman No. 48WH receiver sight. Telescope mount bases. 1¼" leather Army type tan color sling strap.

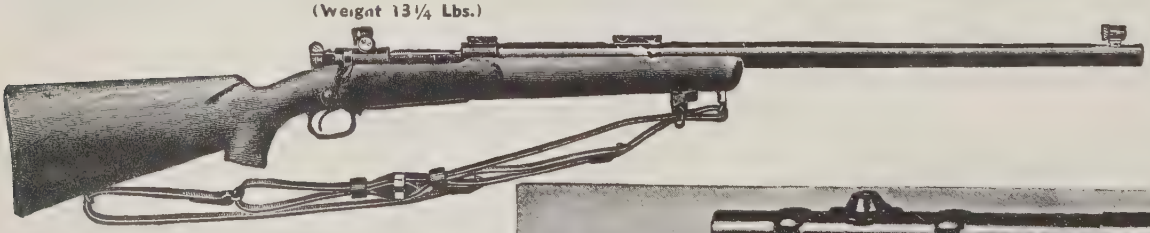
PRICE: With Lyman 77 and 48 WH.....**$104.43**
Without sight, 30-06 caliber, $88.89

At left: new angle low shoulder bolt handle operates freely with above scope sight and mounting. Bolt shown fully raised.

At bottom of page is shown side view of rifle with scope mounted over receiver sight.

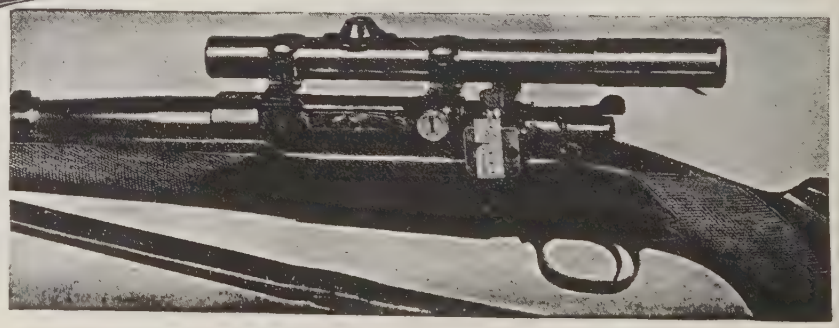
MODEL 70—BULL GUN, HEAVY BARREL

(Weight 13¼ Lbs.)



28" heavy Winchester Proof Steel barrel, floating type. Marksman design stock with full pistol grip and full fluted comb. Length of pull, 13¼"; drop at comb, 1 9/16"; drop at heel, 1⅞"; pitch down, 3". Lyman No. 77 front sight, no ramp. Lyman No. 48WH receiver sight. Telescope mount bases. 1¼" leather Army type tan color sling strap. For .30 government M/06, and .300 H & H magnum, with 28" R. D. barrel.

PRICE: With Lyman 77 and 48WH....**$115.03**



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MODEL 61

$24.87

With 24" Round Barrel

A Hammerless Repeater to Kindle The Enthusiasm of All Gun Lovers

The Model 61—an all around hammerless slide action .22 repeater—presents a fast finely balanced arm that combines the Winchester gun design with the famed selection of high quality materials and precision workmanship. This takedown model presents the most modern development of the popular closed-in breech type of rifle.

G6101R—.22 Short, .22 Long and .22 Long Rifle (24" round barrel) ... **$24.87**
G6102R—.22 Short only (24" octagon barrel) **26.13**
G6104R—.22 Long Rifle only (24" octagon barrel) **26.13**
G6105R—.22 W. R. F. only (24" octagon barrel) **26.13**
G6116R—.22 Long Rifle shot (miniature target boring) **28.40**

THE ACE OF .22's

1. Finely balanced, gracefully tapered 24" Winchester proof steel barrel.
2. Man size genuine black walnut stock with well shaped pistol grip.
3. Shotgun butt with slightly curved, checkered, steel butt plate.
4. Bead front and Winchester quick elevating sporting rear sight. Tang has screw holes for mounting Lyman tang peep sight.
5. New design of semi-beavertail slide handle, gracefully modeled to give a most satisfying grip because of its broad under surface. Admirably fits the shape of the hand.
6. Closed-in breech, hammerless slide action—simple in construction, surprisingly fast in acton, sure in functioning.
7. Sturdy breech construction that makes this rifle safe for use with any of the .22 high power rim fire cartridges of standard manufacture.
8. No extractor cuts extending into the chamber.
9. Hammer cannot fail when gun is not breeched.
10. Cannot be jammed with a cartridge by partial movement of the action.
11. Cartridge in action can be seen.
12. Slide action lock is in safe and convenient position. Trigger lock locks directly under nose of sear.

MODEL 62

The Repeater for All-Around .22 Shooting

Winchester MODEL 62 Take-down

Here are a few of the features which make Model 62 a rifle for the discriminating shooter who seeks an all round slide action hammer repeater:

1. Round 23-inch tapered barrel, Winchester proof marked, carefully proportioned for the accuracy and balance of the arm.
2. Bead front sight with new Winchester quick elevating sporting open rear sight.
3. Smooth, sure-functioning Winchester slide action developed from the standard action that has served with such unfailing satisfaction in more than 1,500,000 Winchesters.
4. New design slide handle, admirably formed to fit the hand.
5. Full-sized genuine black walnut straight grip stock.
6. Shotgun butt with slightly curved butt plate.
7. Extra large capacity magazine—holds 20 Shorts or 16 Longs or 14 Long Rifles.

Throw It to Your Shoulder —Let It Tell You Its Own Story!

AS ILLUSTRATED ONLY

$18.01

Its gracefully tapered, round 23-inch barrel is of a length adroitly calculated to secure perfect balance and at the same time attain full accuracy and high velocity in every shot.

Every man who wants a moderate priced dependable rifle, or every boy who yearns for a repeater with a man-sized stock for .22 shooting, target or small game, will find the Model 62 Winchester an arm that will give him "full measure" and a quality of construction and design that he would not expect to find in anything but a higher priced rifle.

G6201R—For .22 Short, .22 Long and .22 Long Rifle (23" round barrel) . **$18.01**
G6202R—For .22 Short only (23" round barrel) **18.01**

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Above, Model 74's cross-gun safety. Upper right, the action slide. Below, the new Winchester No. 88A peep rear sight, specially developed for Model 74 and furnished on one of the three styles as listed above. Vertical adjustment only. Mounted on bolt stop plug.

Model 74 has the same straight-feed tubular type magazine which has always been used in Winchester .22 Automatic rifles. Simple, dependable, convenient. To load, turn knurled head of magazine to unfasten it, withdraw tube part way and insert cartridges through loading port in right side of butt stock.

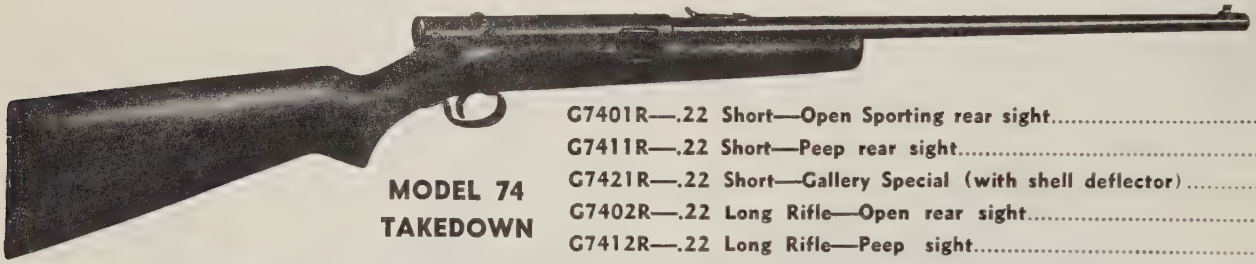
MODEL 74 *Provides* REAL SHOOTING ENJOYMENT!

No matter what your shooting experience may be you will be sure the minute you take the Model 74 in your hand that here, at a surprisingly convenient price, is a Winchester automatic .22 that you are going to enjoy. This is the ideal rifle for a lot of shooting at a low cost. It has lightning fast automatic reloading, husky sporting target stock, styles to balance perfectly. The action is up-to-the-minute in design, convenience, fit, quick pointing, and accuracy. The gun shoots the popular, inexpensive .22 short rim fire cartridge, both regular and high speed. In standard rifle, with magazine capacity of 20 cartridges and choice of two different styles of rear sight.

SPECIFICATIONS

The newest in the famous family of Winchester .22 rim fire automatics. 24 inch round tapered barrel. Chambered for .22 Short rim fire or .22 Long Rifle Rim fire cartridges. Standard rifle and gallery special has capacity of 20 .22 Shorts; Standard .22 Long Rifle has capacity of 14 .22 Long Rifle cartridges. Sporting type pistol grip stock with semi-beavertail fore-end. Checkered steel butt plate. Length of pull, 13 7/16"; drop at comb, 1½"; drop at heel, 2⅝". New type horizontally operating safety. Sights—Winchester bead front with open sporting rear or specally designed elevating peep sight located on bolt stop at rear of receiver. Over-all length, 43¾ inches. Weight about 6¼ lbs.

.22 CALIBER AUTOMATIC



MODEL 74 TAKEDOWN

G7401R—.22 Short—Open Sporting rear sight	$17.00
G7411R—.22 Short—Peep rear sight	17.81
G7421R—.22 Short—Gallery Special (with shell deflector)	17.00
G7402R—.22 Long Rifle—Open rear sight	17.00
G7412R—.22 Long Rifle—Peep sight	17.81

The Winchester Speed King

MODEL 63 AUTOMATIC—.22 CALIBER

- **GREATER POWER!**
- **LONGER RANGE!**
- **MORE SPEED!**
- **ACCURACY!**

$33.25
TAKEDOWN

That's what you get in the Winchester Speed-King. Approximately 33% higher velocity and 50% more energy, than the former world-renowned Winchester Model 103 Automatic. The same superior design, materials and manufacture. The same super accuracy of barrel, super speed and dependability of action, and matchless proportions. Improved by restyling for even better handling, and by rebuilding to shoot faster and flatter traveling ammunition. A rim fire .22 rifle for the shooter whose heart is set on speed shooting, who values fine equipment and who is interested in economy in ammunition without sacrifice of performance.

SPECIFICATIONS

23" round tapered barrel. American walnut pistol grip stock and forearm. Bead front and Winchester 32B sporting rear sight. 10 cartridge magazine. Weight about 5½ lbs.

PRICES

G6302R—Rifle, 23" round barrel; designed expressly for .22 Long Rifle Super Speed and Super-X	33.25
Barrel reflector	.50

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

Winchester .22 Bolt Action

MODEL 72 WITH *Tubular Magazine*

If your choice inclines toward a sporting type bolt action tubular magazine .22, look Model 72 over carefully. Size up its general design. You'll find it attractive, clean, finely balanced and easy to handle. Heft the good weight in the 25-inch barrel, and note its pleasing straight taper. Examine the black American walnut one-piece sporting stock. You have an extensive choice of eight different Model 72 rifles equipped with sights ranging from open sporting metallic sights to a 5-power Winchester telescope sight with extra low mounting.

SPECIFICATIONS

For .22 Short, .22 Long and .22 Long Rifle Rim Fire Cartridges Interchangeably

25-inch round barrel, tapered and crowned at the muzzle. Sporting type pistol grip walnut stock with semi-beavertail fore-end. Length of pull, 13½"; drop at comb, 1 9/16" (with open rear sight) or 1⅝" (with peep sight); drop at heel, 2 9/16" (with open sight) or 2 11/16" (with peep sight). Winchester 75C front sight and No. 32B open sporting rear. Also furnished with 97B front, on ramp with sight cover, and Winchester 80A peep rear. Magazine holds 20 Short, 16 Long or 15 Long Rifle cartridges.

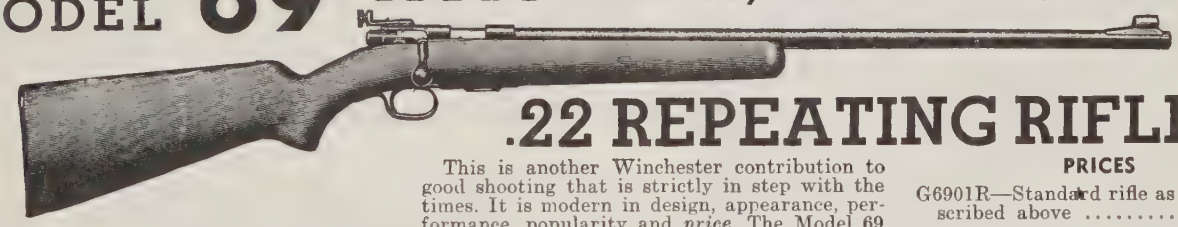
- **Sporting Target Design**
- **Rim Fire Repeater**
- **Eight Styles**

$14.83 with open rear sight

PRICES

Price with peep rear sight and ramp front sight	$14.83
with open rear sight—no ramp	14.08
with Winchester 2¾ X Telescope ..... add	4.90
with Winchester 5 X Telescope ..... add	6.40
Model 72 with 5 X Telescope and no iron sights	21.69
Model 72 with 2¾ X Telescope and no iron sights	19.43

MODEL 69 A MODERN, ALL-ROUND



.22 REPEATING RIFLE

This is another Winchester contribution to good shooting that is strictly in step with the times. It is modern in design, appearance, performance, popularity and *price*. The Model 69 has all the vital features that shooters want in a general-purpose, low-priced .22 caliber rim fire bolt action repeater. When you buy Model 69 you get a rifle that is Winchester through and through. It will give you more all-round rifle service for your dollar!

PRICES

G6901R—Standard rifle as described above	$11.00
G6902R—Rifle with Wm. 75C front and 32C rear sight (no ramp or sight cover)	10.54
Extra 5 cartridge magazine	1.00
Extra 10 cartridge magazine	1.25

MODEL 69 SPECIFICATIONS

BARREL: 25 inches. Round, tapered with crowned muzzle. Chambered for .22 Short, .22 Long and .22 Long Rifle rim fire cartridges—regular, Super Speed or Super-X.

STOCK: American walnut. Full-size, one-piece sporting type with correctly shaped pistol grip and amply deep and rounded long semi-beavertail forestock. Overall length 27½ inches. Composition butt plate.

ACTION: Military type with up-turn and pull-back breech bolt. Safety firing pin; position of safety lock instantly indicated by both sight and touch. Firing pin cocks as bolt is closed.

SIGHTS: Front: Winchester sporting type with bright, non-tarnishing metal bead, mounted on low, non-glare ramp base. Slip-on spring steel sight cover. Rear: (1) latest Winchester peep sight with finger-controlled fine adjustments for both elevation and windage, mounted on receiver bridge or (2) rear open sporting sight with sliding elevator.

MAGAZINE: Detachable box type, inserted from below, removable by spring latch on side of stock. Two 5-cartridge magazines supplied, one for .22 Long and .22 Long Rifle, the other for .22 Short. Five-shot and ten-shot magazines also available as extras.

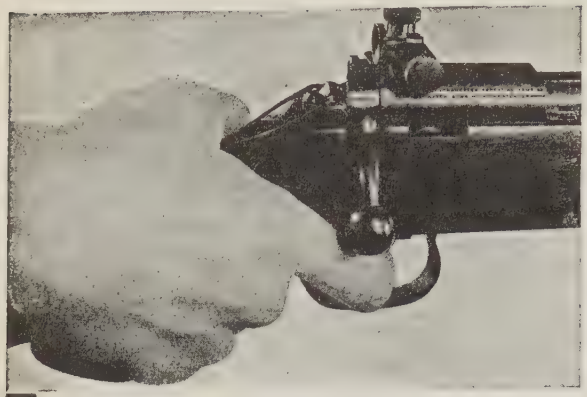
SIZE: Overall length 42 inches. Takedown length 29½ inches.

Low in Cost!
Inexpensive to Shoot!

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

WINCHESTER MODEL 52 SPORTING RIFLE

TRADE MARK



The .22 Rim Fire Rifle De Luxe!

The famous accuracy of the Winchester Model 52 Target rifle is made available for hunting in this distinctive, supremely fine sporting arm. It has the same bolt action with lightning Speed Lock and the same controlled straight line loading, "bank-lock" accuracy in the breeching, and close fitting of the head space. Adjustable trigger pull.

24" round lightweight tapered barrel with ramp front sight base, integral with barrel. New sporting design selected walnut stock with cheek piece, pistol grip and fore-end fancy checkered. Length of pull, 13½"; drop at comb, 1 9/16"; drop at heel, 2½". Leather gun sling. Redfield 5/64" full length gold bead front sight with Winchester detachable sight cover. Weight about 7¼ lbs.

FOR TARGET AND SMALL GAME SHOOTING

Price as Illustrated With Lyman 48-F

$108.80

	Front Sights	Rear Sight	Receiver Sight	
G5272R (Without Sights)				$91.35
G5252R	Redfield 5/64" full gold bead	None	Lyman 48-F	108.80
G5262R	Redfield 5/64" full gold bead	None	Lyman 57-FH	101.45
For stock without cheek piece, add				6.75

EXTRAS *for Winchester Rifles*

Making stocks of special dimensions, either straight or pistol grip (except for Models 52 and 70)	$18.30
Changing standard dimension stock from straight to pistol grip (pistol grip rubber cap not included)	6.25
Making stock and forearm of specially selected walnut to standard dimensions, either pistol grip or straight grip, with or without pistol grip cap (except Models 07, 52 and 70)	18.30
Making stock and forearm of specially selected walnut as above for Model 07	23.15
Plain checking stock and forearm, except Models 52, 64, 70, 71 and 07, which take fancy checking price	3.35
Fancy checking stock and forearm	7.05
Full nickel plating	10.20
Nickel plated trimmings	6.85
Gold plated trigger	3.55
Rubber pistol grip cap (except Models 52 and 70)	2.75
Rubber pistol grip cap fitted to Models 52 or 70	3.55
Checking triggers	2.75
Recoil pads fitted to rifles with shotgun butt stocks. (See detail under recoil pads.)	
Telescope sight mount bases	2.15
Blank piece to fill rear sight slot	.67
Attaching screw eyes for sling strap	.67
High polished finish on stock and forearm	6.85
Parts necessary to change from single trigger to double set triggers on Models 64, 64 Deer and 65	10.85

RECOIL PADS (When attached to guns)

Winchester large pad—1" thick	4.05
Winchester small pad—1" thick	4.05
Noshoc pad—1" thick	4.05
Hawkins pad—1 1/16" thick—large size	6.75
Hawkins pad—1" thick—medium size	4.05
Hawkins pad—¾" thick—medium size	4.05
Jostam Hy Gun pad—1 1/16" thick	6.75
Jostam Anti-Flinch pad—1" thick	6.75
Jostam Air Cushion pad—15/16" thick	6.75
Jostam Sponge Rubber, 1-ply pad, black—15/16" thick	6.75
Jostam Sponge Rubber, 2-ply pad, black—1¼" thick	6.75
Jostam Sponge Rubber, 3-ply pad, black—1⅝" thick	6.75
Leather facing for any of the above Recoil Pads	1.00

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WINCHESTER MODEL 52
TRADE MARK

COMES IN THESE STYLES

Standard Weight Target Rifle—Bolt Action Box Magazine with Winchester Speed Lock

28 inch standard weight round barrel, tapered, of Winchester Proof-Steel. Telescope sight bases spaced 7.2" center to center. These barrels have a ramp (lug) front sight base forged on the barrel.

Pistol grip target stock of walnut with a chromium plated, satin finish metal forearm adjustment base and a composition hand support, located on the underside of the front portion of the forearm.

This stock is used with standard height sight combinations. Standard dimensions are:

Length of pull, 13¾; Drop of stock from center of nore, (at comb) 63", (at heel) 98"; Drop of stocks from line of sights with sights set for 25 yards, (at comb) 1 9/16, (at heel) 2"; Down pitch, 3". Convenient triple locking safety. Weight, approximately 10 pounds.

PRICES
(Please Order By Symbol Number)

FLAT TOP RECEIVER

Symbol	Front Sight	Rear Sight	Receiver Sight	Price
*G5217R	None	None	None	$56.95
G5207R	Winchester 93-B	Win. 82A	None	64.00
G5237R	Lyman 17-A	Win. 82A	None	66.95
G5269R	Lyman 17-AG	None	Vaver WS2 Lt. Ext.	80.35
G5279R	Lyman 17-A	None	Marble Goss MG52 Ext. Low Base	76.30

*Front sight cut in barrel filled with blank piece.

ROUND TOP RECEIVER

†G5210R	Lyman 17-A	None	Lyman 57-F	68.30
G5209R	Winchester 93-B	None	Lyman 48-F	72.75
G5239R	Lyman 17-A	None	Lyman 48-F	75.65
G5289R	Lyman 17-A	None	Lyman 52-F Ext.	77.70

†Will be furnished if order does not specify sight combination desired.

Heavy Weight Target Rifle—Bolt Action Box Magazine with Winchester Speed Lock

BARREL—28 inch heavy weight, round, tapered of Winchester Proof Steel. New type barrel band. Telescope sight bases spaced 7.2" center to center. STOCK—Marksman stock of selected walnut with full pistol grip, full fluted comb and wide beavertail fore-end. Chromium plated, satin finish metal forearm adjustment base and a composition hand support, located on the under side of the front portion of the forearm.

STOCK DIMENSIONS

Length of Pull .....13¼" Drop at Heel ..... 1⅞"
Drop at Comb ..... 1 9/16" Pitch ..... 3"

Drop of stock from center of bore .50" at comb and .83" at heel.

Steel butt plate checked. WEIGHT—About 12 lbs. Other details same as described for Standard Weight Barrel model.

PRICES
(Please Order By Symbol Number)

28" RD. HEAVY WEIGHT BARREL

Flat Top Receiver — Marksman No. 1 Stock (High Comb) — High Sights

Symbol	Front Sight	Rear Sight	Receiver Sight	Price
G5245R	None	None	None	66.00

No receiver sight cut in stock. Receiver drilled and tapped on left side, holes filled with plug screws. Front sight cut filled with blank piece. Win. 82A Rear Sight Seat Cut (Dovetail) on Receiver, filled with blank piece. Winchester Comb. Telescope Sight Bases attached.

G5264R	Vaver 36 F.S. with 35E Barrel Band	None	Vaver 35 Mielt Ext.	96.90
G5274R	Lyman 77	None	Marble Goss M.G.—52 M.S.—Ext.	87.45
†G5225R	Lyman 77	None	None	71.40
†G5235R	Redfield 63	None	None	70.75

†Win. 82A Sight Cut on Receiver filled with blank piece.

28" HEAVY WEIGHT BARREL

G5255R	None	None	None	66.00

No receiver sight cut in stock. Receiver drilled and tapped on left side, holes filled with plug screws. Front sight filled with blank piece. Winchester Comb. Telescope Sight Bases attached.

†G5265R	None	None	None	66.00

†No receiver sight cut in stock. No sight cut on barrel or receiver, except disc clearance cut on rear of receiver. Receiver drilled and tapped on left side, holes filled with plug screws. Winchester Comb. Telescope Sight Bases attached.

*G5234R	Lyman 77	None	Lyman 48 F.H.	86.85
G5284R	Lyman 77	None	Lyman 52 F.H. Ext.	88.85
G5294R	Vaver W11AT	None	Vaver R5237—Ext.	94.20

*Will be furnished if order does not specify sight combination desired.

MODEL 52 BULL GUN

Extra heavy barrel (without sights) 78.20

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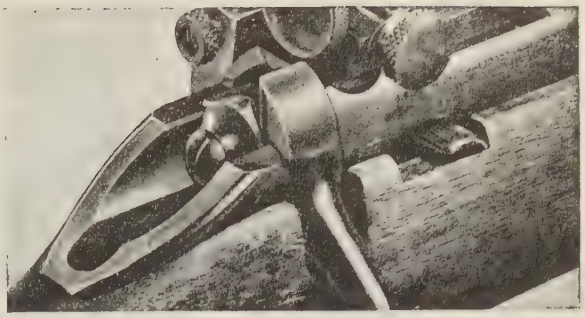
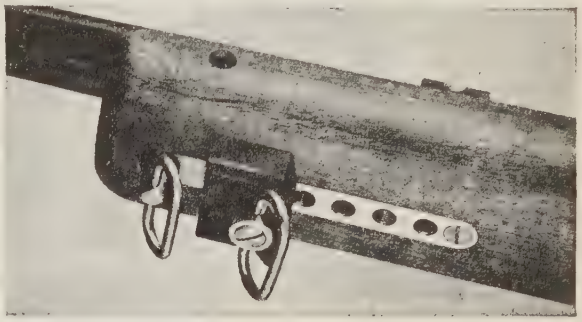
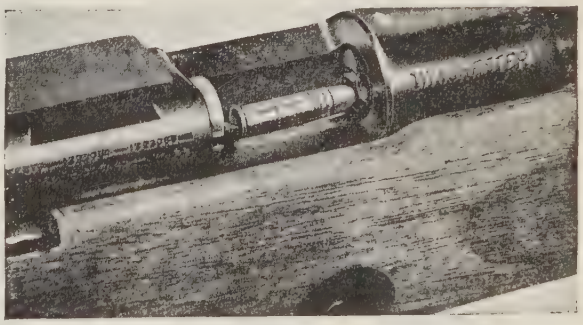


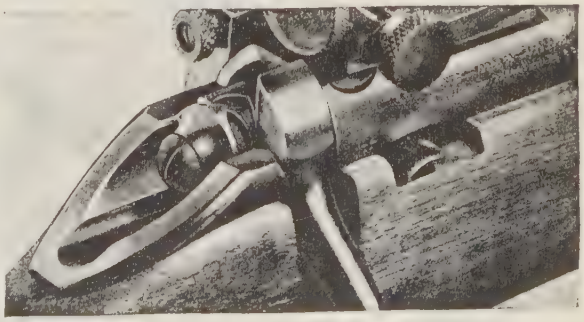
Thumb-lever safety. Firing pin uncocked, thumb lever forward, safety inactive.



Forearm of Marksman stock, showing new adjustable barrel band (adjustable screw on right side, not shown), and adjustable hand support and sling swivel.



Showing how receiver is stiffened by additional steel at left side of leading well. Does not interfere with convenient hand loading. Cartridge is shown on tray of single-shot adaptor.



Bolt closed, firing pin cocked, safety in rear or safe position, triple locking the action.

The New Model 75
TARGET RIFLE

Chambered for .22 Long Rifle Rim Fire Cartridges only

The Winchester Model 75 is built man's size with the same length barrel and the same length of trigger pull as the model 52. It is, however, 22 ounces lighter than the Standard grade Model 52.

The action is military type, developed especially for this rifle. A thumb-type lever safety is conveniently placed on the right side. The Standard target clip box type magazine holds five .22 long rifle rim fire cartridges. The barrel is 28" long, with a diameter at the shoulder of approximately 1". At the muzzle it measures approximately 11/16". It comes equipped with the Winchester No. 99A telescope height sight, with quick detachable, covered front sight and interchangeable target post and aperture inserts. Stock is one-piece American black walnut.

SPECIFICATIONS
STANDARD MODEL G7501R

New design pistol grip target stock with semi-beavertail foreend. High comb. Length of pull, 13¼"; drop at comb, 1⅝"; drop at heel, 2¼"; pitch down, 3". Bolt action with speed lock. Locks on opening of the bolt. New Winchester 99A telescope height front sight with post and extra aperture. Sight cover. New Winchester 84A extension rear peep with quarter minute clicks for windage and elevation. New type slide lever safety. 5-shot magazine. Adjustable sling swivel base. 1¼" Army type leather sling strap. Weight about 8 lbs. 10 oz.

DEPENDABLE

ACCURATE

STYLE G7501R
Price $39.25

STYLE G7521R
Price $33.70
Scope,
Extra $12.65

At top, bolt retracted, showing high back wall of receiver loading well. Below, closeup of Safety thumb lever and Winchester 84 A Extension Rear Peep with ¼ minute click adjustments. Bottom illustration shows magazine release and opposite side of receiver sight.

STYLES AND PRICES

G7501R—Standard rifle	$39.25
G7521R—Rifle with scope bases for new Winchester 8 power telescope sight (no iron sights)	$33.70
Winchester 8 power telescope for above	12.65
G7525R—Rifle without any sight equipment	33.10
G7527R—Rifle with Vaver No. 1175 front and Vaver No. 3875 receiver sight	48.55
G7537R—Rifle with Lyman No. 77 front and Lyman No. 58E receiver sights	47.80
G7547R—Rifle with Redfield No. 63 front and Redeld No. 75HW receiver sights	48.55

Look at These Model 75 Advantages!

Adjustable Trigger Pull
Special Metallic Sights
Adjustable Sling Swivel Base
Adjustable-Tension Barrel Band
Uses Single Loader Adaptor
Accurate, Precision Shooting

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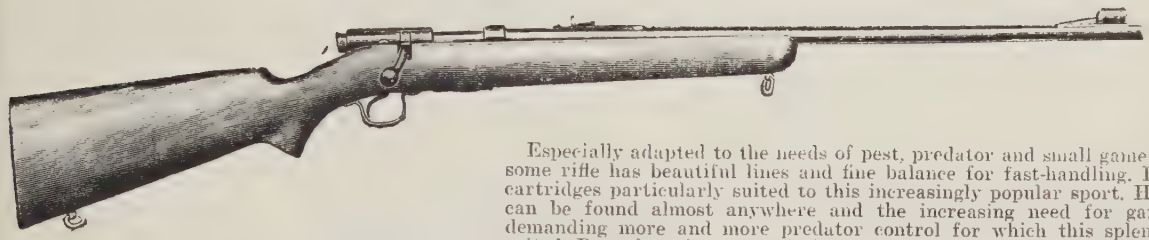
WINCHESTER
TRADE MARK

Pest and Small Game

RIFLE

MODEL 43 Standard



Especially adapted to the needs of pest, predator and small game hunting, this handsome rifle has beautiful lines and fine balance for fast-handling. It is chambered for cartridges particularly suited to this increasingly popular sport. Hunting of this type can be found almost anywhere and the increasing need for game conservation is demanding more and more predator control for which this splendid rifle is ideally suited. Pear-shaped, rearward sloping handle of the fast-operating, easily functioning bolt designed to permit operation with the lowest mounted telescope sights.

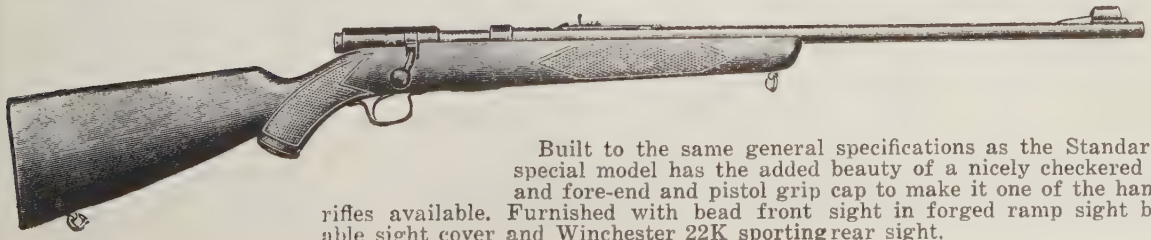
Barrel—24" round tapered of Winchester Proof-Steel. *Action*—Famous Winchester bolt action with Speed Lock. Positive twin extractors. Rifle cocks on opening motion of the bolt. *Receiver*—Drilled and tapped for Lyman 57A receiver sight and several popular scope mounts. *Safety*—Positive side lever type. *Magazine*—Box type with easy operating release; flush with fore-end. Capacity 3 cartridges. *Stock*—Full pistol grip stock and fore-end of American walnut, no checkering. 1" swivel bows attached. Approximate length of pull 13½"; drop at comb 1⅝"; drop at heel 2½". *Sights*—Winchester 103 bead front on forged ramp with removable sight cover and Winchester 22K sporting rear sight. *Overall Length*—42½". *Weight*—About 6 lbs.

Model 43 Action Open.

Model 43 Action Closed

Symbol	Caliber	Price
	MODEL 43 Sporting Rear Sight	
24" barrel		
G4301C	218 Bee	$60.65
G4303C	22 Hornet	60.65
	MODEL 43 SPECIAL Checkered Stock—Sporting Rear Sight	
24" barrel		
G4321C	218 Bee	$73.95
G4323C	22 Hornet	73.95
	Extra Magazines	2.30

MODEL 43 Special



Built to the same general specifications as the Standard Model 43, this special model has the added beauty of a nicely checkered pistol grip stock and fore-end and pistol grip cap to make it one of the handsomest varmint rifles available. Furnished with bead front sight in forged ramp sight base with removable sight cover and Winchester 22K sporting rear sight.

This page reproduced from Stoeger Catalog Edition No. 35, 1943.

HOW TO SIGHT YOUR RIFLE

By JACK O'CONNOR

Targets for sighting in. The first group (A) centers 4 inches to right, the sight is adjusted accordingly, and Group B is perfect.

Once I knew a cynical gun smith who maintained that not one big game rifle in 10 was well enough sighted in for the owner to hit a deer standing broadside at 200 yards. Perhaps he was right; perhaps he was not. The fact remains that there are more misconceptions in circulation on the subject of properly sighting a rifle than on any other phase of rifle lore. For every man who goes into the woods and hills for game each fall with his rifle properly sighted in there are a dozen who do not.

Many a man assumes that his rifle is correctly sighted in at the factory and that he has no business monkeying with the work of a professional. Actually, this factory rifle is sighted in *only* for the factory expert, *only* for the bullet weight and brand of ammunition he used.

Ways of seeing the sights differ. Ways of holding a rifle differ. One man may habitually take a fine bead with open sights, another a coarse bead. One man may cant his rifle habitually, another not. One man may hold hard, another loosely. Difference in the way rifles group is most marked with open sights, least marked with a scope; but even with a scope the difference is often great. Not long ago I was shooting at 200 yards with a finely tuned up scope-sighted rifle. My group was centered in the bull. A friend shot the same rifle with identical ammunition and the same hold. His group was as small as mine, but *8 inches low*. The rifle was correctly sighted for *me*, not for *him*. You are the only one who can correctly sight in your rifle for *you*.

The first thing to remember, then, is that the man who is going to use the rifle should do the sighting in himself. The second thing to remember is that he should use the type of ammunition for sighting in that he is going to use in the field. Bullets of one weight and velocity may strike a foot at 100 yards away from where bullets of another weight will strike. A third thing to remember is that no bullet travels on a straight line. Instead the bullet travels in a curve and the farther it travels the more pronounced this curve. In a properly sighted rifle, the bullet rises to meet the line of sight at a relatively short distance from the muzzle, then it rises above it to the point of midrange trajectory, then curves down until it crosses the line of sight the second time. The rifle is said to be sighted in for the second distance—anywhere from 100 to 150 yards in the case of an iron-sighted rifle of the .30/30 class of 275 yards in the case of a .270.

Let us suppose that you have a new rifle and wish to get it correctly sighted in. First the preliminary shooting should be done at the distance where you first want the bullet to cross the line of sight. In the case of an iron-sighted deer rifle with a velocity of around 2,200 f.p.s. this is at about 12½ yards. If the bullet strikes at point of aim at that distance, it will be about 2 inches high at 100 yards, at point of aim the second time at 150 yards and about 2½ inches low at 175 yards. For all practical purposes then the owner of a rifle of the .30/30 class so sighted can hold dead on up to 175 yards and the bullet will not be more than 2½ inches away from the point of aim anywhere. On the other hand, the man who sights in so the bullet strikes where he holds at 50 yards would find that his bullets struck about 7½ inches low at 175 yards and he would undershoot on the occasional long shots that come up even in wooded country.

With a scope sighted rifle with a velocity of around 3,000 f.p.s., first shooting should be done at 25 yards and the scope adjusted so the bullet hits point of aim at that distance. Then, in the case of a .30/06 with the 150-gr. load, the bullet will strike 3 inches high at 100 yards and be at point of aim the second time at 250 yards. So sighted such a rifle gives a point blank range of 275 yards.

So let's put a target up at the distance we first want the bullet to cross the line of sight. That done, we rest the rifle forward of the trigger guard on a bed roll or something else soft and fire two shots. They are close together but 2 inches low and 3 inches right. What can we do about it?

The best sights, both iron and scope, are adjustable in minutes of angle or fractions thereof. A "minute of angle" has a value of 1 inch per 100 yards of range That would mean that the minute has a value of 2 inches at 200 yards, 3 inches at 300 yards, etc. It also means that at 50 yards the minute has a value of ½ inch, at 25 yards ¼ inch, and at 12½ yards ⅛ inch.

We have done our initial shooting at 25 yards, let us say, with a .30/06 equipped with a Lyman Alaskan scope. Windage and elevation dials are graduated in minutes of angle and we know that each click will change the point of impact ¼ inch at 25 yards. We must therefore come "up" 8 clicks and to the left 12 clicks. We do so, and we are on. It is wise to shoot at a longer distance, say at 100 and 200 yards because a small error not noticed at short range will show up at longer range and also because one may see his sights a bit differently at longer ranges, particularly with iron sights. Further adjustment at longer range may or may not be necessary.

Scopes and receiver sights currently sold are graduated in ¼, ½, and 1 minute clicks. Manufacturer's literature will tell you the value of gradations of your particular sight.

The rifle with open sights is something else again and much more difficult to adjust properly. In fact the easy-to-adjust receiver sight will often pay for itself in cartridges saved in sighting in.

With any sort of iron sights this rule should be remembered: The rear sight must be moved the way you want the bullet to move. If the bullet strikes low and to the left, the rear sight must be moved up and to the right to make the bullet strike up and to the right. The front sight must be moved exactly opposite. If the rifle shoots too high with the lowest adjustment of the rear sight, the front sight must be moved *up*, which means the point of impact of the bullet will move *down*. This can only be accomplished by fitting a higher front sight.

If the rifle with open iron sights is shooting to the right, the rear sight should be tapped over in the slot to the *left*. The same effect (moving point of impact to the left) can be obtained by tapping the front sight to the right. If the rifle is shooting low, the rear sight can be elevated a step. If that makes the point of impact too high, there is nothing to do but file the step down. All of this is pretty much a hit and miss proposition. The easily adjustable receiver sight quickly pays for itself in time, in energy and in ammunition saved in sighting in.

Distances at which Various Calibers Correctly Sighted Cross Sight Line

.22 long rifle high speed with iron sights: 25 and 75 yards.

.22 Hornet with scope: 25 and 175 yards.

.30/30 with iron sights, 170-gr. bullet: 12½ and 150 yards.

.30/06 with iron sights, 180-gr. bullet: 12½ and 200 yards.

.30/06, scope sight, 150-gr. bullet: 25 and 250 yards.

.270, scope sight, 130-gr. bullet: 25 and 275 yards.

.220 Swift, scope sight: 50 and 250 yards.

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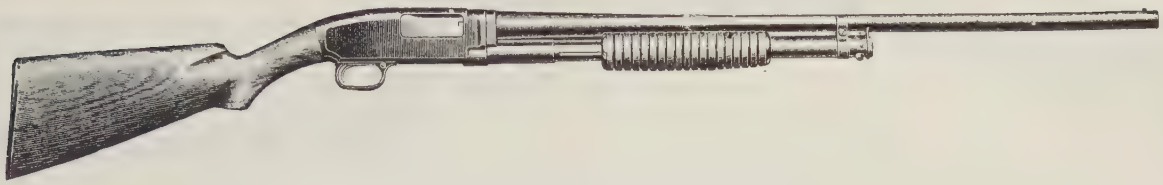
WINCHESTER REPEATING SHOTGUNS

WINCHESTER MODEL 12, HAMMERLESS SHOTGUN



Six Shots, Nickel Steel, Light Weight
Plain Finished Model 12—12, 16 or 20 Gauges

Price $54.25

12 GAUGE	16 GAUGE	20 GAUGE
26, 28, 30 or 32-inch Barrels	26 or 28-inch Barrel only	25, 26 or 28-inch Barrel only

As the illustration indicates, this latest model Winchester presents the acme of grace and symmetry from butt plate to muzzle. In graceful curve and refinement of finish no other repeater approaches it. No screws nor pins project to catch the dirt or injure the hands.

The stock is finely proportioned, the receiver is matted along the line of sight, while the slide-handle is slightly tapered and fits the hand comfortably.

The gun separates into two parts quickly and easily. No tools are required and no small parts are released to be lost. The safety is of the cross bolt type, located in the guard, and cannot be jarred out of place by the recoil. Interchangeable barrels of different choke or cylinder bore can be furnished but in all cases must be fitted at the Winchester armory.

12 GAUGE		16 GAUGE		20 GAUGE	
Length	13¾ inches	Length	13⅝ inches	Length	13⅝ inches
Drop at heel	2½ inches	Drop at heel	2 7/16 inches	Drop at heel	2 7/16 inches
Drop at comb	1 11/16 inches	Drop at comb	1 7/16 inches	Drop at comb	1 7/16 inches

WINCHESTER MODEL 12 TRAP GRADE

1912—12, 16 or 20 gauge "Trap" Grade (write for description) ..... Price, $101.00
1912—12 gauge only, "Tournament" Grade (write for description) ..... Price, 82.25

WINCHESTER TRAP GRADE WITH VENTILATED RIB

Trap Grade with Ventilated Rib, Extension Slide Handle and Soft Rubber Recoil Pad. 12 Gauge, 6 Shots

Model 12—Trap Grade, Vent. Rib (write for description) ..... Price, $181.25
Model 12—Tournament Grade, Vent. Rib (write for description) ..... Price, 165.00

This rib is finely made throughout and is not brazed or soldered on the barrel, but is mechanically locked to it.

The Winchester Ventilated Rib bridges the area of heat waves and is raised above the barrel to a scientifically correct elevation.

It is designed especially to give speed and accuracy in sighting and shooters will find its matted surface very helpful in fast shooting. Because of the construction of this rib, the expansion and contraction of the barrel, due to heat caused by frequent firing, cannot cause the rib to take a permanent set.

The Trap stock being hand-made, any length or drop can be furnished without increase in price. Interchangeable Nickel Steel Barrels, full or modified choke, or cylinder bore, can be furnished in 12, 16, or 20 gauge. A gun with an action of one gauge cannot be fitted with an interchangeable barrel of a different gauge. In all cases, extra barrels will have to be fitted at the Winchester armory.

EXTRAS FOR 1912 SHOTGUNS

Fancy Walnut Stock and Action Slide Handle, not checked ..... Price, $24.75
Checking Stock and Action Slide Handle ..... Price, 8.25
Extra Length or Drop of Stock to Order ..... Price, 17.25
Raised Matted Rib ..... Price, 9.00
Fitting Silver's Recoil Pad ..... Price, 7.75
Interchangeable Nickel Steel Barrel (Standard Grade), Complete with Magazine and Action Slide Handle ..... Price, 33.75

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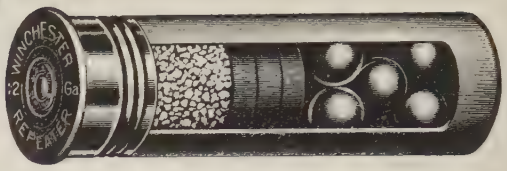
WINCHESTER REPEATING SHOTGUNS

Buckshot Cartridge—Made in 12 Gauge, Take-Down Style Only

Buckshot Cartridge



The Winchester Model 97 "Riot" gun is made with a 20-inch rolled steel cylinder bore barrel, bored expressely to shoot buckshot. These guns are used by sentries in the U. S. Army, express messenger, watchmen, prison guards, train hands, and by many people for home defense. They are far superior to a revolver for shooting in the dark, where aim is uncertain, as a buckshot cartridge contains nine bullets to one contained in a revolver cartridge. The "Riot" Gun has the same action as the regular model 97. The magazine holds five cartridges, which, with one in the chamber, makes a total of six at the command of the shooter ..... Price, $46.00

WINCHESTER "TAKE-DOWN" REPEATING SHOTGUNS

Model 97, "Take-Down"—Take-down, rolled steel barrel, 12 gauge; 28, 30 or 32 inches; pistol grip stock and fore-end of plain wood, not checked, full choke-bore. Weight about 7¾ pounds ..... Price, $46.00

Model 97, Take-Down "Trap" Gun—12 gauge. (Write for description) ..... Price, 95.25

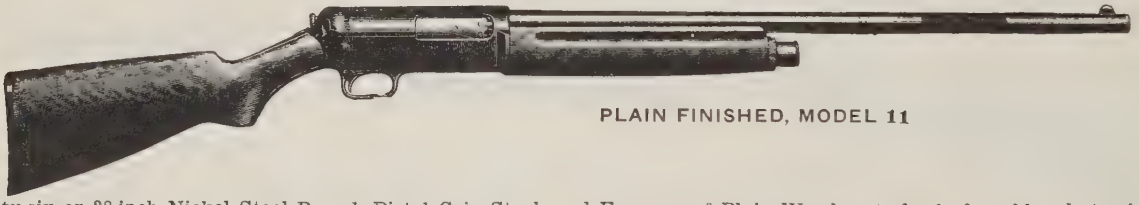
Model 97, Take-Down "Tournament" Gun—12 gauge. (Write for description) ..... Price, 75.50

Model 97, Take-Down "Pigeon" Gun—12 gauge only. (Write for description) ..... Price, 185.50

EXTRAS FOR MODEL 97 SHOTGUNS

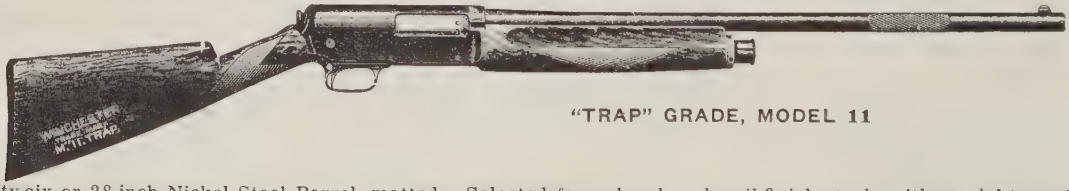
Fancy Walnut Stock and Fore-arm, not checked	$24.75	Fitting Silver's Recoil Pad	$ 7.75
Checking Stock and Fore-arm	8.25	Interchangeable Barrel, rolled steel, complete with magazine and fore-arm	26.25
Extra Length or Drop of Stock, to order	17.25	Interchangeable Barrel, rolled steel, matted, "Pigeon" or "Trap" grade, complete with magazine and fancy checked fore-arm	43.00
Matting Barrel	9.00		
Matting Receiver	3.75		

WINCHESTER SELF-LOADING SHOT GUN, MODEL 11



PLAIN FINISHED, MODEL 11

Twenty-six or 28-inch Nickel Steel Barrel, Pistol Grip Stock and Forearm of Plain Wood, not checked; rubber butt plate; weight about 7¾ pounds. Take-Down made in 12 gauge only ..... Price, $61.50



"TRAP" GRADE, MODEL 11

Twenty-six or 28-inch Nickel Steel Barrel, matted. Selected fancy hand-made, oil-finish stock, with straight or pistol grip checked and checked rubber butt plate. Unless otherwise specified, straight grip stock is furnished on all orders. Forearm is made of selected fancy wood and handsomely checked. Standard style of stock is 13⅞ inches long, with 1⅝ inches drop at comb, and 2⅜ inches drop at heel. As this is hand-made, any length of drop desired will be furnished up to 3¾ inches at heel and 1¾ inches as comb, without extra charge ..... Price, $114.50

EXTRAS FOR MODEL 11 SHOTGUN

Fancy Walnut Stock and Forearm	Price, $24.75	Matting Barrel	Price, $ 9.00
Checking Stock and Forearm	Price, 8.25	Fitting Silver's Recoil Pad	Price, 7.75
Extra Length or Drop of Stock to order	Price, 17.25	Fitting Winchester Recoil Pad	Price, 4.50

Interchangeable Barrel with Magazine and Forearm, complete ..... Price, 27.75

Interchangeable Barrel Matted, "Trap" Gun Grade with Magazine Checked Forearm, complete ..... Price, 45.00

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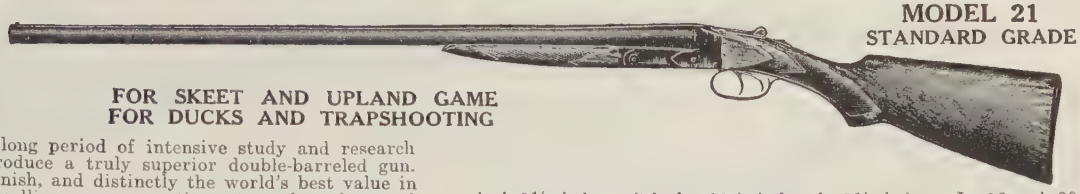
WINCHESTER DOUBLE and SINGLE BARREL SHOTGUNS

MODEL 21
STANDARD GRADE



Made in 12, 16 and 20 Gauges

FOR SKEET AND UPLAND GAME FOR DUCKS AND TRAPSHOOTING

The product of a long period of intensive study and research by Winchester to produce a truly superior double-barreled gun. New from start to finish, and distinctly the world's best value in all-around design, handling ease, operation, strength, safety and shooting ability. Barrels interlock mechanically—no brazing; no extension rib—the gun locks properly without need of one. Result, better shooting. Because barrel chambers are not warped by brazing, they retain true concentricity and alignment. Breech is built scientifically to precision fitting, instead of by obsolete cut-and-try, rule-of-thumb methods.

New Winchester method of choke reaming improves pattern. New steel give barrels of double usual strength, frame of triple strength. Will not shoot loose. Remarkably easy to open and close. An exceptionally hard-shooting gun, giving the finest uniformity of pattern. Single or double trigger with or without selective ejection. Choice in barrel lengths: 12 gauge—32, 30, 28 or 26 inches; 16 and 20 gauges—30, 28 or 26 inches. All barrels furnished in full, improved modified or modified choke, improved cylinder or cylinder bore; usual combinations. Other combinations to special order at no extra charge. Winchester special Skeet chokes, No. 1 or No. 2, introduced on Winchester Model 21 Skeet Gun, can be furnished on special order at no extra charge. Walnut stock with fluted, well-rounded comb and checkered pistol grip; hard rubber butt plate. Walnut checkered fore-end. Standard dimensions—12 gauge—length 14 inches, drop at comb 1 9/16 inches, drop at heel 2½ inches, pitch for 30-inch barrels 2½ inches. In 16 and 20 gauge, same except drop at comb is 1½ inches and at heel on 16 gauge is 2⅛ inches and on 20 gauge drop at heel is 2⅜ inches. Winchester 81A front sight with option of 81D with 94B middle sight. Extra set of barrels and fore-end can be furnished. Weight with 30-inch barrels; 12 gauge—approximately 7½ pounds; 16 and 20 gauges—approximately 6½ pounds.

MODEL 21 STANDARD GRADE, 12, 16 and 20 GAUGES

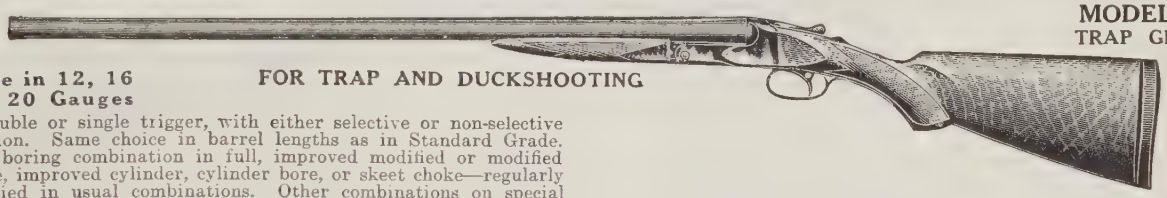
12 Gauge, 32, 30, 28, 26-inch Barrels. Usual Choke Combinations:

Double Trigger, Non-Selective Ejection	$72.45
Double Trigger, Selective Ejection	86.10
Single Trigger, Non-Selective Ejection	86.10
Single Trigger, Selective Ejection	99.75

EXTRAS add to price STANDARD GRADE

Stock to customer's dimensions	15.00
Extra set of Barrels without fore-end, purchased with a new gun:	
Non-Selective Ejection	44.00
Selective Ejection	55.00
Extra fore-end—purchased with new gun:	
Regular shape—Non-Selective	10.00
Selective	14.50
Beaver-tail—Non-Selective	18.80
Selective	23.30
Chambering for 3-inch Shell	5.50
Beavertail fore-end instead of regular fore-end, add	8.20

MODEL 21
TRAP GRADE



Made in 12, 16 and 20 Gauges

FOR TRAP AND DUCKSHOOTING

Double or single trigger, with either selective or non-selective ejection. Same choice in barrel lengths as in Standard Grade. Any boring combination in full, improved modified or modified choke, improved cylinder, cylinder bore, or skeet choke—regularly supplied in usual combinations. Other combinations on special order at no extra charge. Pistol grip stock and fore-end of fine figured grain walnut; stock to customer's dimensions. Straight grip or pistol grip with or without cap, Monte Carlo or offset stock, made to purchaser's specifications without extra charge. Beavertail fore-end can be furnished, as an extra. Fitted with choice of any recoil pad listed by Winchester. Weights approximately the same as Standard grade.

MODEL 21 TRAP GRADE, 12, 16 and 20 GAUGES

12 Ga., 32-in. barrels, full and full; 16 and 20 Ga., 28-in. barrels, Choke modified and full:

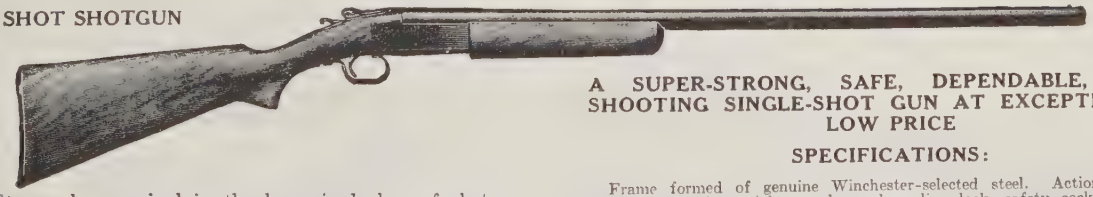
Single Trigger, Selective Ejection	$135.25
Single Trigger, Non-Selective Ejection	121.60
Double Trigger, Non-Selective Ejection	107.95
Double Trigger, Selective Ejection	$121.60
For Ventilated Rib add to above prices (Selective Ejection only)	33.00

(Ventilated Rib furnished in 12 ga., 30" or 32" barrels only)

EXTRAS add to price of TRAP GRADE

Extra set of Barrels without fore-end, purchased with a new gun:	
Non-Selective Ejection	$44.00
Selective Ejection	55.00
Extra fore-end—purchased with new gun:	
Regular shape—Non-Selective	15.50
Selective	20.00
Beaver-tail—Non-Selective	30.90
Selective	35.40
Chambering for 3-inch Shell	5.50
Extra for Cheek Piece	18.00
Beavertail fore-end instead of regular fore-end, add	13.65

MODEL 37 "STEELBILT"
SINGLE SHOT SHOTGUN



A SUPER-STRONG, SAFE, DEPENDABLE, HARD SHOOTING SINGLE-SHOT GUN AT EXCEPTIONALLY LOW PRICE

This ultra-modern arrival in the low-priced class of shotguns is remarkable for its extra-economical, extra-strong design and construction. It combines fine appearance, easy handling, simple and efficient action, excellent shooting and exceptionally low price. It is built throughout of steel, a feature which makes it outstanding in its class. Has few parts and is in every way super-sturdy. Shoots all standard shotgun loads with complete dependability and safety. Will kill cleanly at all usual hunting ranges with the usual loads, from the least expensive rabbit, squirrel, quail or crow shells to the most powerful high-speed shells for pheasants, wild-fowl, turkeys, foxes or deer. Here are its most outstanding superiorities:

SPECIFICATIONS:

Frame formed of genuine Winchester-selected steel. Action, top lever breakdown with semi-hammerless rebounding lock, safety cocking lever on tang. Positive automatic ejection. Barrel sturdy steel with extra large main lug and brazed fore-end lug. Full choke, designed to give patterns of approximately 70%. Stock of genuine American walnut, with pistol grip and composition butt plate; length 14", drop at comb 1½", drop at heel 2¼". Fore-end of walnut, of new design to furnish full-hand fitting grip, diameter 2" throughout its entire length of 8½". Weight, 12 gauge, about 6½ lbs.

Made in 12, 16, 20 and 28 gauges, also .410 bore. Chambered in 12, 16 and 20 gauges for 2¾ inch shells; in 28 gauge for 2⅞" shells, in .410 bore for 3" shells. Shoots all standard shotgun loads. Barrel lengths furnished: 12 ga.—28, 30 and 32 in. 16, 20 and 28 ga.—28, 30 and 32 in. In .410 bore with 26 or 28 in. barrel.

Price $9.35

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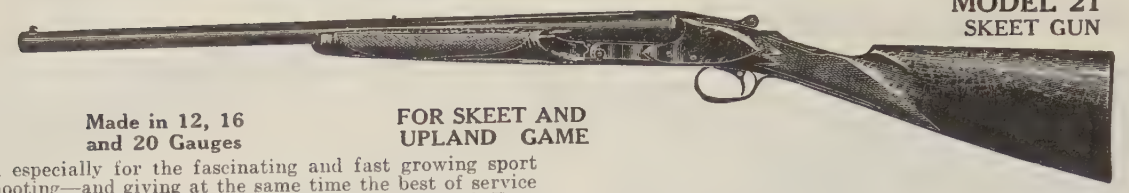
WINCHESTER SHOTGUNS

MODEL 21
SKEET GUN



Made in 12, 16 and 20 Gauges

FOR SKEET AND UPLAND GAME

Designed especially for the fascinating and fast growing sport of Skeet shooting—and giving at the same time the best of service for the fastest upland game shooting. Furnished in Standard, Trap or Custom Built Grade, including specifications of those grades, with its own special Skeet specifications. All Model 21 Winchesters are specially bored, by a new Winchester method of true radius choke reaming. The Skeet Gun has, besides, its own special new chokes. These Winchester Skeet Chokes, No. 1 in the right barrel, and No. 2 in the left, give the most consistently satisfactory skeet patterns, and the best for brush and short range field shooting. Skeet Gun specifications, all three gauges, are: Length of barrels, 26 inches. Straight grip (checkered) walnut stock with checkered wood butt (no plate or pad), 14″ x 1½″ x 2″, with 1″ pitch. Pistol grip 14″ x 1 9/16 x 2½″ with 1⅝″ pitch. Walnut beavertail forend, handsomely checkered. Single trigger, selective ejection, non-automatic safety. Boring as mentioned above.

MODEL 21 SKEET "STANDARD" GRADE

12, 16 and 20 Gauge, Straight or Pistol Grip Stock..... $111.25

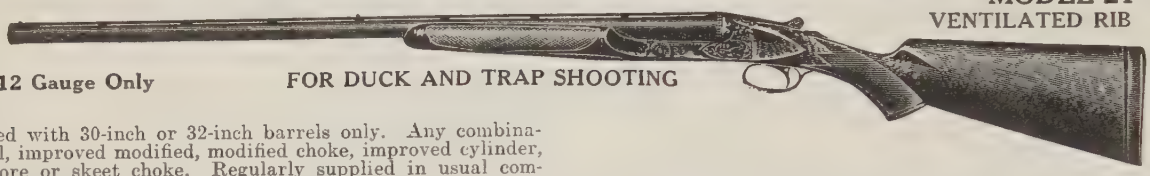
MODEL 21 SKEET "TRAP" GRADE

12, 16 and 20 Gauge, Straight or Pistol Grip Stock..... 148.90

MODEL 21 "CUSTOM BUILT" GRADE

Strictly to customer's specifications desired. State wishes and quotation will be furnished.

MODEL 21
VENTILATED RIB



12 Gauge Only

FOR DUCK AND TRAP SHOOTING

Furnished with 30-inch or 32-inch barrels only. Any combination in full, improved modified, modified choke, improved cylinder, cylinder bore or skeet choke. Regularly supplied in usual combinations; other combinations to special order at no extra charge. Chambered for 2¾-inch shells; for chambering for 3-inch shells there is an added charge. Single or double trigger with selective ejection only.

Non-automatic safety is regularly furnished; automatic safety or no safety will be furnished, if specified, at no extra charge. Stock is same as regularly supplied for the grade selected, except drop at comb is 1⅝ inches instead of 1½ inches. Stock with straight or pistol grip, with or without cap, Monte Carlo or Offset (⅜-inch maximum) made to customer's specifications without extra charge, on special order only which is non-cancellable. Beavertail forend is regularly supplied on Trap Grade. In Custom Built Grade, stock and forend are furnished in style and dimensions according to customer's order. Sights: Standard equipment is Winchester No. 81-E front and No. 94 middle for Trap Grade. Other sights furnished at no extra charge, as for regular guns of same grades. Custom Grade takes sights according to customer's specifications.

MODEL 21 VENTILATED RIB "TRAP" GRADE OR CUSTOM BUILT

Model 21 Ventilated Rib "Trap" Grade 12 Ga. only with Beavertail fore end 30 or 32″ barrels in any choke combination.
Price $181.90

Model 21 Ventilated Rib "Trap" Grade 12 Ga. only with standard fore end.
Price $168.25

MODEL 21 CUSTOM BUILT GRADE

In selecting this grade, the shooter can practically "write his own ticket," with the basic design, materials and construction of the Model 21 remaining unchanged. Single or double trigger, with or without selective ejection. Choice in barrel lengths and in boring is the same as in the Trap Grade. Built with either matted rib or Winchester sliding-connection ventilated rib. Stock and forend are of specially selected fine figured fancy walnut. They are made to customer's specifications, and include any recoil pad listed by Winchester.

The Model 21 Custom Built Grade gives the sportsman a De Luxe gun built to meet his own needs and ideas, based on the fundamental design and construction of this great Winchester model. Besides meeting the customer's every wish in the usual gun specifications, in this grade the finest of ornamentation, including rich carving and inlay work, is to be had. This includes name or initials according to fancy, game scenes, scroll work, high relief etching or the conventional style. A wide variety of designs to choose from. Customer's own designs followed or developed, as desired. One of these guns, beautifully finished as it is, is both an exquisite example of the highest gun craftsmanship and a shooting iron which acknowledges no superior. 12, 16 and 20 gauge. Prices quoted individually.

MODEL 97 REPEATER

FOR SKEET AND UPLAND GAME
FOR DUCKS AND TRAPSHOOTING

TAKE-DOWN

Made in 12 and 16 Gauges

No other gun has equalled the popularity and success which the Model 97 Winchester achieved in both hunting and trapshooting during its first 15 years. What is more, despite the arrival on the scene then of the Winchester Model 12, the Model 97 has kept right on showing other guns how to shoot—is still today a popular wild fowl and trap gun. Another reason is the fact that it is a hammer gun. With hammer at safety half cock, gun is locked against opening. Same choice in barrel length and boring as in Model 12 of same gauges. Similar stock and slide handle; standard dimensions: length of pull, 13⅞ inches; drop at comb, 1¾ inches; drop at heel, 2⅜ inches. Chambered for 2¾ inch shells. Five shells in magazine, one in chamber, makes six-shot repeater. Weight: 12 gauge, approximately 7¾ pounds; 16 gauge, approximately 7½ pounds.

Standard Grade, 12 and 16 gauge	$ 33.75
Standard Trap Grade, 12 and 16 gauge	48.35
Special Trap Grade, 12 and 16 gauge	83.10
Pigeon Grade, 12 and 16 gauge	$190.70
Trench Gun, with bayonet, 20 inch barrel, 12 gauge	60.05
Guard and Riot Gun, 20 inch barrel, 12 gauge	33.75
Interchangeable barrel, Standard grade	19.80
Interchangeable barrel, Standard Trap grade	25.30
Interchangeable barrel, Special Trap grade	38.50
Interchangeable barrel, Pigeon grade	38.50

EXTRAS FOR MODEL 97—Add to Price of Gun

Matting Barrel	$ 6.65
Cutting Off Stock to Shorten Length	3.35
Bending Shank to Change Drop at Heel	5.60
Making Stock to Customer's Dimensions	15.00
For Specially Selected Walnut Stock and Slide Handle of Standard Dimensions, Not Checked	15.00

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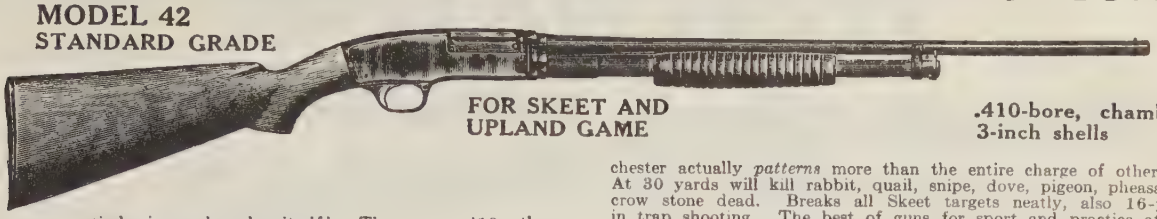
WINCHESTER MODEL 42 SLIDE ACTION SHOTGUNS

MODEL 42
STANDARD GRADE



FOR SKEET AND UPLAND GAME

.410-bore, chambered for 3-inch shells

New, light, racy, entirely in a class by itself! The super .410—the first .410-bore shotgun in the world to achieve what it does with its remarkable new 3-inch shell, produced especially for it. And a beauty! With its powerful load of progressive-burning powder—new and never before used in any shotgun—and ¾-ounce charge of shot—exactly *double* the usual .410 charge—what does it do? In full choke with 26-inch barrel it puts *more* shot in a 20-inch circle at 30 yards than you can find in the usual 2½-inch .410 shell with shot of same size. In short, at longer range than a great deal of small game is killed, this new Winchester actually *patterns* more than the entire charge of other .410 guns. At 30 yards will kill rabbit, quail, snipe, dove, pigeon, pheasant, duck or crow stone dead. Breaks all Skeet targets neatly, also 16-yard targets in trap shooting. The best of guns for sport and practice at clay birds, thrown with a hand trap. Walnut pistol grip stock and walnut slide handle. Barrel, 26 inches, full choke. Options: modified choke, skeet choke or cylinder bore, or 28-inch barrel with same choice in boring. Weight approximately 5⅞ pounds. Length of pull, 13¾ inches; drop at comb, 1½ inches; drop at heel, 2¼ inches; pitch, 1 inch. Light enough for any boy or woman shooter, yet full size for men.

MODEL 42 STANDARD GRADE

Barrel Length	Choke	Price
26″	Full Choke	$35.77
26″	Modified Choke	
26″	Cylinder Bore	
26″	Skeet Choke	
28″	Full Choke	
28″	Modified Choke	
28″	Cylinder Bore	

MODEL 42 STANDARD GRADE WITH MATTED RIB

Barrel Length	Choke	Price
26″	Full Choke Matted Rib	$43.84
26″	Modified Choke Matted Rib	
26″	Cylinder Bore Matted Rib	
26″	Skeet Choke Matted Rib	
28″	Full Choke Matted Rib	
28″	Modified Choke Matted Rib	
28″	Cylinder Bore Matted Rib	

EXTRAS FOR MODEL 42 ADD TO PRICE OF GUN

	Price
Interchangeable regular barrel with regular slide handle	$14.08
Interchangeable matted rib barrel with regular slide handle	22.15
Interchangeable regular barrel with extension slide handle	17.86
Interchangeable matted rib barrel with extension slide handle	25.93
Checkered stock, straight or pistol grip with checkered extension slide handle of standard wood of standard dimensions	5.30
Special Dimension Stock	15.14

MODEL 42
SKEET GUN

FOR SKEET AND UPLAND GAME

.410-bore, chambered for 3-inch shells

Built especially for Skeet, but is besides an exceptionally fast, hard-hitting light field gun which will give the finest satisfaction in close-range shooting at most upland small game. Steps up .410 Skeet scores remarkably. Special Skeet stock, forend and boring. Chambered for the same new world-beating 3-inch Winchester Repeater Super Speed Shells as the Standard Model 42. Shoots exactly the same shot charge of ¾-ounce which used to be regular for all light 20-gauge guns, and gives a smaler, denser and more uniform pattern. Its new progressive-burning powder load knows how to handle this heavy shot charge, does it with very moderate report and recoil, yet with ample penetration. This model is ideal for every beginner in wing shooting, particularly a boy, girl or woman. Handles as easily as a fine light man-sized .22 rifle, and the extension action slide handle suits any reach. Straight grip stock same dimensions as Standard gun and slide handle of selected walnut, grip and handle nicely checkered. Barrel 26 inches, with Skeet boring. Options: Full choke, modified choke or cylinder bore; or 28-inch barrel with same full choice in boring. Weight, 6 pounds to 6½ pounds, according to barrel length.

Barrel	Choke	Price
26″	Skeet Choke	$41.07
26″	Skeet Choke Matted Rib	49.14

MODEL 12
HEAVY DUCK GUN

FOR DUCK AND LONG RANGE SHOOTING

30″ or 32″ Full Choke Only
Weight 8½ Lbs.
Chambered for 3″ shells only

Shooters who want a gun ideally designed for duck and similar long range shooting will find the special features of this new Winchester admirably suited for this purpose. It is specially chambered to shoot the heavy loads available in 3 inch shells, has a barrel expressly designed and bored for this type of shooting and is materially heavier than the standard gun of this gauge. In providing this additional weight, particular attention has been given to maintaining the excellent balance for which the Winchester Model 12 has always been famous. This new duck gun has its extra weight so distributed that it will be found to balance as beautifully and so to point as well as the standard "Perfect Repeater". Furnished with Winchester Recoil Pad.

Price, with Plain Round Barrel	$49.19
Price, with Solid Raised Matted Rib Barrel	57.26

MODEL 97 REPEATER

FOR SKEET AND UPLAND GAME
FOR DUCKS AND TRAPSHOOTING

TAKE-DOWN
Made in 12 and 16 Gauges

No other gun has equalled the popularity and success which the Model 97 Winchester achieved in both hunting and trapshooting during its first 15 years. What is more, despite the arrival on the scene then of the Winchester Model 12, the Model 97 has kept right on showing other guns how to shoot—is still today a popular wild fowl and trap gun. Another reason is the fact that it is a hammer gun. With hammer at safety half cock, gun is locked against opening. Same choice in barrel length and boring as in Model 12 of same gauges. Similar stock and slide handle; standard dimensions: length of pull, 13⅞ inches; drop at comb, 1¾ inches; drop at heel, 2⅜ inches. Chambered for 2¾ inch shells. Five shells in magazine, one in chamber, makes six-shot repeater. Weight: 12 gauge, approximately 7¾ pounds; 16 gauge, approximately 7½ pounds.

Standard Grade, 12 and 16 gauge	$34.05
Trench Gun, with bayonet, 20 inch barrel, 12 gauge	60.59
Guard and Riot Gun, 20 inch barrel, 12 gauge	34.05
Interchangeable barrel. Standard grade	19.98

EXTRAS FOR MODEL 97—Add to Price of Gun

Matting Barrel	$6.71
Cutting Off Stock to Shorten Length	3.38
Bending Shank to Change Drop at Heel	5.65
Making Stock to Customer's Dimensions	15.14
For Specially Selected Walnut Stock and Slide Handle of Standard Dimensions Not Checked	15.14

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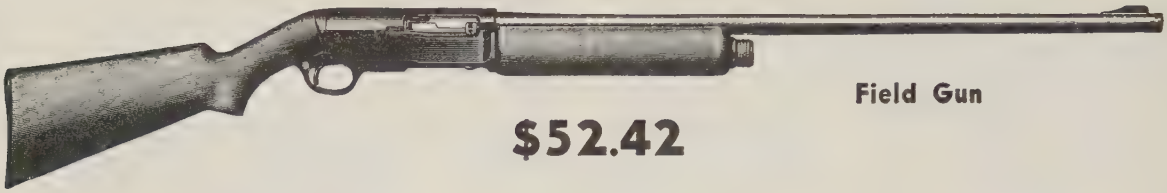
WINCHESTER
TRADE MARK

Model 40 Automatic (Self-Loading) Shotguns
Streamlined for Natural Pointing



Field Gun

$52.42

MODEL 40 FIELD GUN

This handsomely streamlined completely new design represents the latest development of the Winchester Automatic (self-loading) gun principle. It includes a number of new features that combine to make it an outstanding gun, with smoothness of operation, balance and handling feel, and mechanical precision.

Chambered for 2¾" shells. Pistol grip stock of standard grade American walnut. Stock and forearm not checkered. Dimensions: Length of pull, 14". Drop at comb, 1½". Drop at heel, 2½". Pitch down 2". Stock to special dimensions can be furnished at extra charge on special order only. Plain barrel of Winchester proof-steel in lengths and chokes as listed below. Magazine capacity of four shells. Furnished with wooden magazine plug to reduce capacity to three shots where required, and desired. Hard rubber, checkered butt plate. Weight approximately eight pounds. Solid raised matted rib and ventilated rib barrels cannot be furnished.

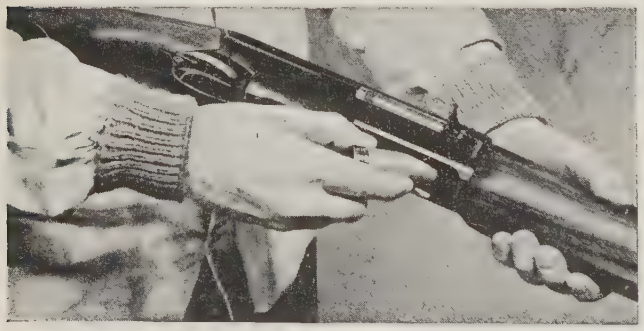
	Barrel Length	Choke	Price
G4006S	30 inches	full	$52.42
G4008S	30 inches	modified	52.42
G4003S	28 inches	full	52.42
G4005S	28 inches	Modified	52.42

MODEL 40 SKEET GUN
(With Cutts Compensator Attached)

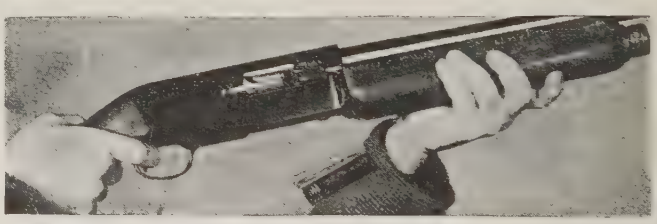
You will find the Winchester Model 40 skeet gun a handsome, well balanced standard skeet gun. Replacing no other skeet model, this gun is introduced to give skeet shooters a gun of the automatic or self-loading type with the same superior type provided in Winchester double barrel and slide-operated repeater types of special skeet guns.

The Model 40 has a plain barrel with forged muzzle shoulder and Cutts compensator attached. Besides the compensators spreader tube for skeet there is a .705 full-choke tube which interchanges with the spreader, and a special wrench for seating the tubes. Overall length of barrel with choke tube attached is 25⅜ inches. Regular stock dimensions are: Length of pull 14"; drop at comb 1⅜"; drop at heel 2⅜"; pitch down, 2". The forearm is full, round, semi-beavertail, about 2" wide and 10⅜" long. Weight, approximately 8 pounds.

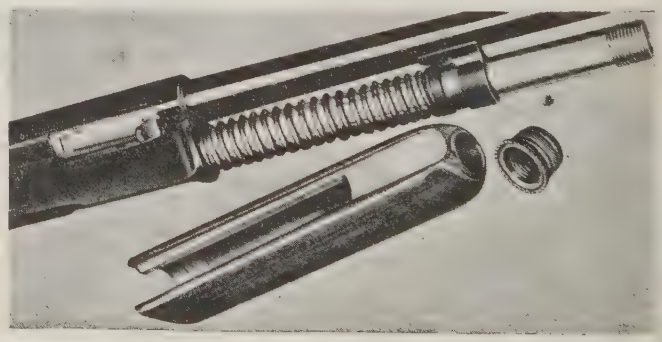
		Price
G4011S	Steel Compensator	$78.30
G4012S	Aluminum Compensator (bright)	78.30
G4013S	Aluminum Comp. (blacked)	78.30



You can load the magazine of Model 40 with one hand. To unload just press down the shell carrier with your thumb, catch each shell with thumb and take them into your hand.



Better balance, from improved distribution of receiver's weight. Note too, both hands in the same horizontal plane, which helps shooting speed and accuracy.



This page reproduced from Stoeger Catalog Edition No. 33, 1941.

WINCHESTER

TRADE MARK.

MODEL 24

12, 16 and 20 Gauges
Chambered for 2¾″ Shells

This moderately priced Winchester double barrel shotgun is a sturdy and fine shooting arm. In all essentials of material and workmanship it is a real Winchester gun. Barrel and metal parts throughout are all made of high grade steel.

Frame made from solid forging—extra strong; sturdy forged cocking levers which are readily accessible in takedown position to release top lever; forged top lever.

Firing pins retracted by first opening movement of the top lever, thereby insuring easy action. Speed lock firing pin giving exceedingly fast lock time.

Barrel lock—sturdy bolt engaging in forged barrel lug insuring positive locking.

Barrels—High quality steel bored with typical Winchester precision. Lengths as listed below. Raised matted rib only. Ventilated ribs will not be furnished.

Stock—Pistol grip streamlined stock with semi-beavertail fore-end of American walnut. Trigger pull 14½″, drop at comb 1½″, at heel 2½″.

Action—Double trigger. Plain extractors. Speed lock.

Safety—Automatic.

Sight—Winchester No. 81 metal front sight.

Weight—About 7½ lbs.

ORDER BY SYMBOLS SHOWN BELOW

Symbol	Gauge	Barrel Length	Choke Right	Choke Left	Each
G2402B	12	30″	Modified	Full	
G2403B	12	28″	Modified	Full	
G2407B	12	28″	Imp. Cylinder	Modified	
G2408B	12	26″	Imp. Cylinder	Modified	**$64.50**
G2423B	16	28″	Modified	Full	
G2427B	16	26″	Imp. Cylinder	Modified	
G2443B	20	28″	Modified	Full	
G2447B	20	26″	Imp. Cylinder	Modified	

The above are the only gauges, barrel lengths and choke combinations that will be furnished.

MODEL 37
SINGLE SHOT

12, 16, 20 and 28 Gauges
and 410 Bore

This is a sturdy single shot semi-hammerless shotgun, built throughout of steel and selling at an exceptionally moderate price. It is built to handle all standard shot shells in each of its gauges.

The frame is of new Winchester design—super-strong—with corresponding ingenuity and strength in bolting, lock construction and assembly with the super-strong steel barrel. The all-steel bolting parts and forged barrel lug are doubly large. Action, top-lever breakdown with pivot bolting. Semi-hammerless lock with low safety cocking lever located well forward on tang. Double-action automatic ejection, starts shell extraction by positive mechanical force as gun is opened, and ejects by spring power.

Barrel—Plain Winchester full choke steel barrel in lengths listed below.

Chambered—In 12, 16 and 20 gauges for 2¾″ shells; 28 gauge for 2 2⅞″ shells; 410—3″ shells.

Stock—Pistol grip stock and semi-beavertail forearm of American walnut. Composition butt plate. Length of pull 14″, drop at comb 1½″, at heel 2¼″.

Action—Has automatic ejection.

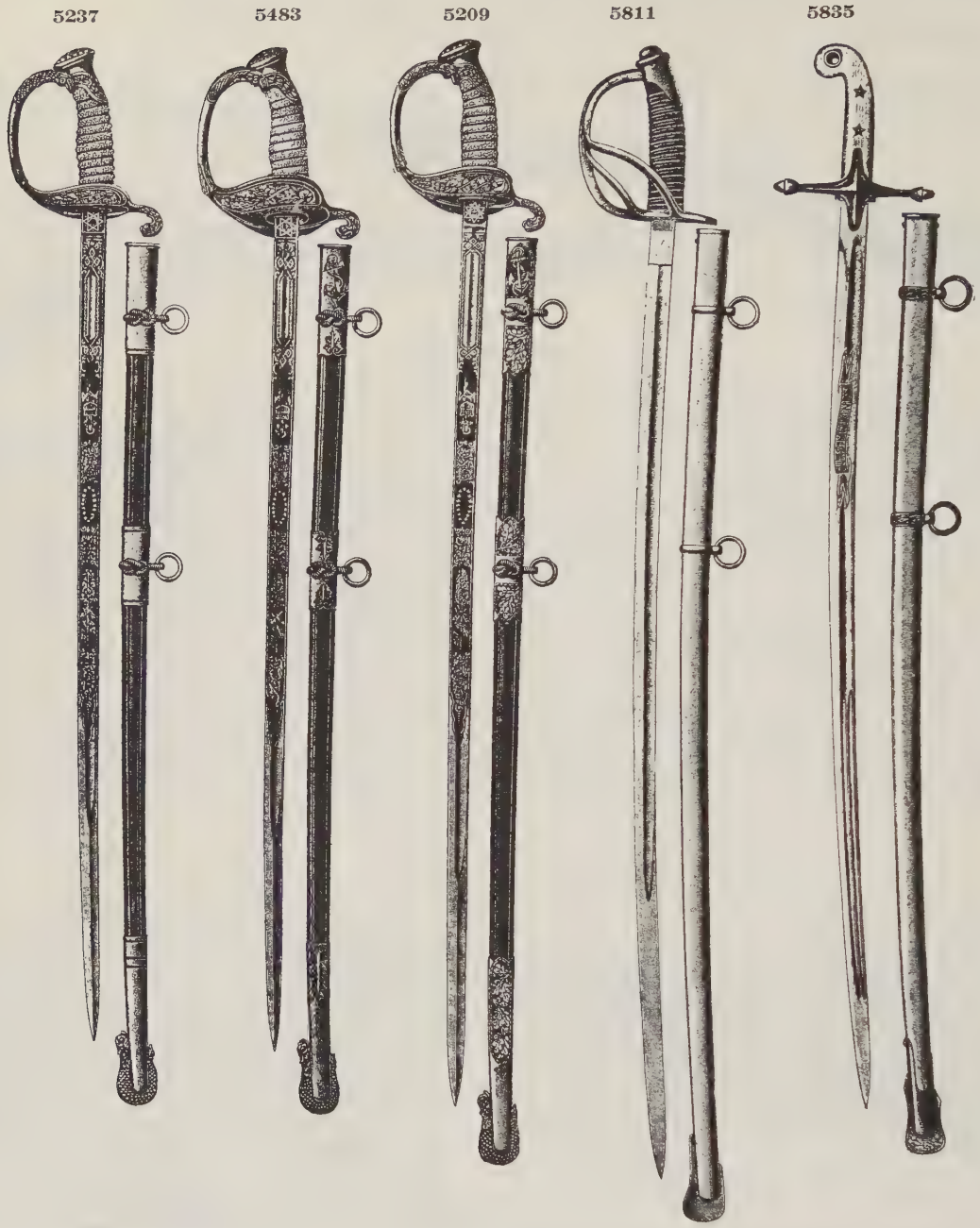
Weight—About 6½ lbs. (12 gauge.)

ORDER BY SYMBOLS SHOWN BELOW

Symbol	Gauge	Barrel	* Retail Each
G3701S	12	32 inch full choke	
G3702S	12	30 inch full choke	
G3703S	12	28 inch full choke	
G3710S	16	32 inch full choke	
G3711S	16	30 inch full choke	
G3712S	16	28 inch full choke	
G3720S	20	32 inch full choke	**$19.95**
G3721S	20	30 inch full choke	
G3722S	20	28 inch full choke	
G3731S	28	30 inch full choke	
G3732S	28	28 inch full choke	
G3740S	410	28 inch full choke	
G3741S	410	26 inch full choke	

Orders not accepted for special stock dimensions or solid raised matted rib or ventilated rib barrels.

U. S. NAVY OFFICERS' SWORDS



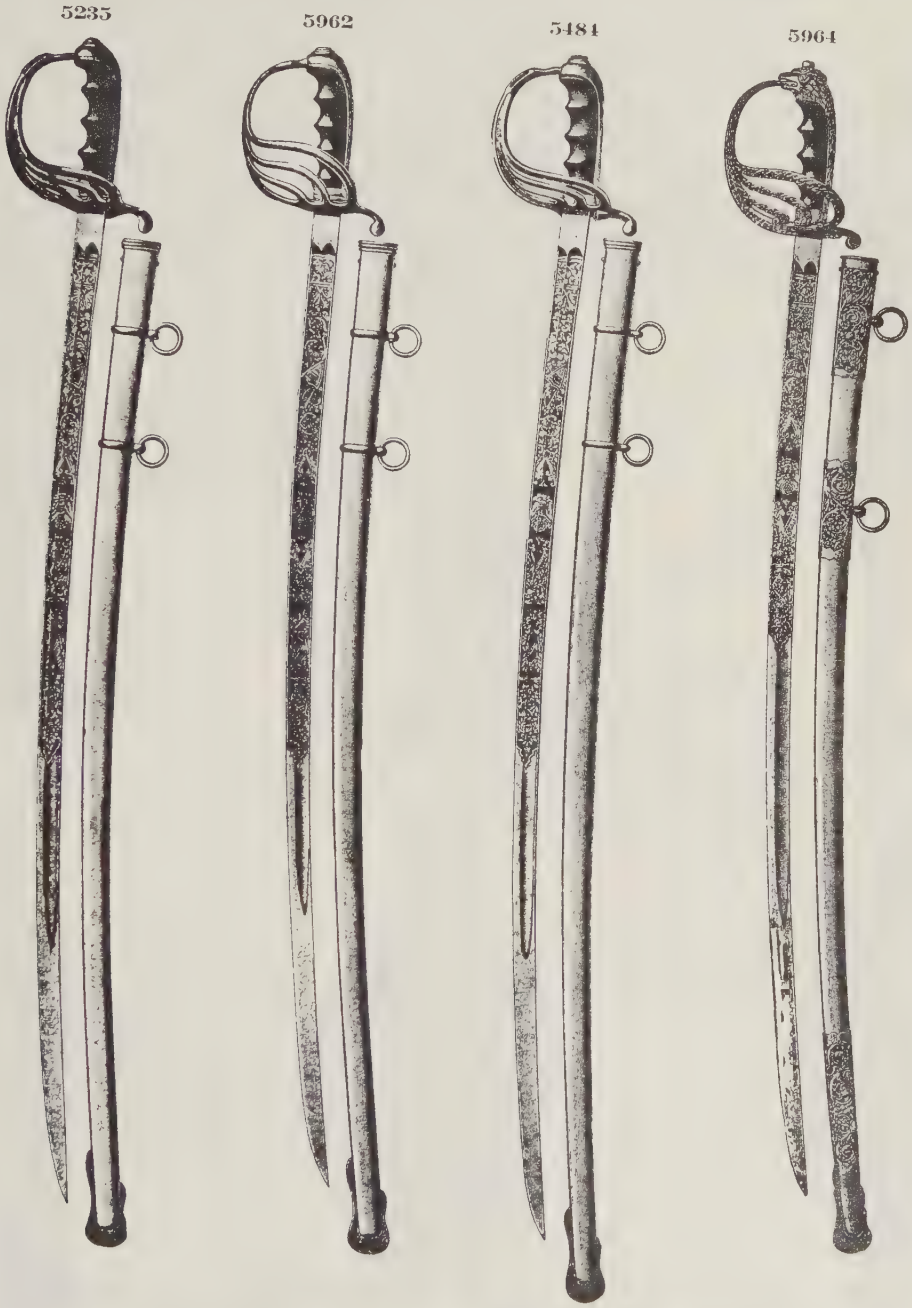
No. 5237	U. S. Navy Sword with Proved blade, gilt hilt and fittings	$26.00
No. 5237	U. S. Navy Sword, with Proved blade, hilt and fittings, hand chased, gilt hilt and fittings	27.75
No. 5483	U. S. Navy Sword with Proved blade (engraved fittings) gilt hilt and fittings	27.75
No. 5483	U. S. Navy Sword with Proved blade (engraved fittings) hilt and fittings hand chased, gilt hilt and fittings	32.25
No. 5209	U. S. Navy Sword with Provved blade (embossed fittings) gilt hilt and fittings	37.25
No. 5209	U. S. Navy Sword with Proved blade, (embossed fittingsngs) hilt and fittings hand chased, gilt hilt and fittings	40.75
	U. S. Navy Sword with leather scabbard, with tin inlaid, extra charge	1.75
No. 5811	Society Sword, brass hilt, leather grip, plain polished blade and scabbard	10.00
No. 5811	Society Sword, brass hilt, leather grip, nickel plated blade and scabbard	11.25
No. 5835	U. S. M. C. (Marine Corps) Swords gilt hilt and fittings, ivory grip	37.25

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

U. S. ARMY OFFICERS' SWORDS

We beg to call special attention to the complete line of high-grade sabres and swords of which we make a specialty. These U. S. Army and Navy Swords are used by our Army and Navy. Their quality is unexcelled and needs no further comment.

Wherever Swords are used in Societies for presentation purposes—in Fencing Schools—Athletic Clubs, etc., our name is a household word. We ask you to give us a trial to convince you of the superior quality of our Swords.



No. 5235	U. S. Army Sword, nickel plated hilt and scabbard, nickel plated etched blade, hard rubber grip, riveted	$14.25
No. 5235	U. S. Army Sword, nickel plated hilt and scabbard, nickel plated etched blade, hard rubber grip, with screw	14.75
No. 5962	U. S. Army Sword, nickel plated hilt and scabbard, nickel plated etched blade, hard rubber grip, riveted	14.25
No. 5962	U. S. Army Sword, nickel plated hilt and scabbard, nickel plated etched blade, hard rubber grip, with screw	14.75
No. 5484	U. S. Army Sword, nickel plated hilt and scabbard, nickel plated etched blade, hard rubber grip, with screw	14.75
No. 5964	Presentations Sword, silver plated hilt and fittings, fire gilt etched blade, celluloid grip	31.75
No. 5964	Presentations Sword, gilt plated hilt and fittings, fire gilt etched blade, celluloid grip	32.50

This page reproduced from Stoeger Catalog Edition No. 2, 1925.

MEDIEVAL ARMOR

The armors shown on this page are exact reproductions, historically correct to the last detail, of the finest types of medieval armor. These armors are skillfully executed by master armorers whose knowledge has for generations been handed down from father to son and with whom only the very finest is a tradition. The models illustrated are of the style usually demanded by collectors and connoisseurs of heraldic art, but upon request almost any other period model may be procured.

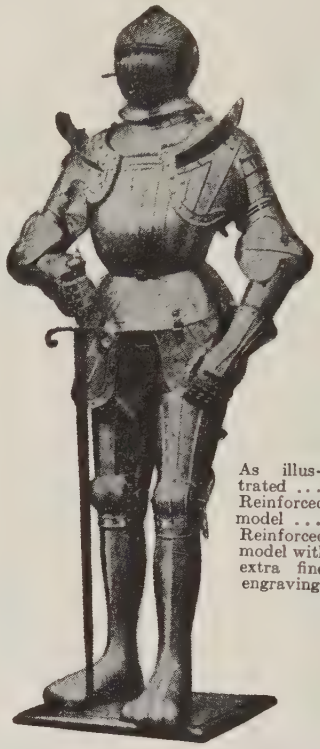
These armors are all life size and the price includes a fine pedestal which, for lack of space is not illustrated.

For large homes and mansions as well as public buildings a suit of armor is highly appropriate and lends an air of distinction and dignity.

We guarantee all our medieval armors to be exactly as represented and of the highest quality and craftsmanship. All armor is specially imported from Europe and on such orders a deposit of 50 per cent is required, balance upon delivery which usually follows, on the standard models, in about three months.

As illustrated ...$780
Reinforced model ...1050

15th Century Italian Armor



As illustrated ...$900
Reinforced model ... 985
Reinforced model with extra fine engraving. 1500

16th Century German Armor

As illustrated...$1290
Especially richly engraved model .. 1650

Spanish Armor

As illustrated....$350
Special quality .. 475

16th Century French Armor

As illustrated....$935
Fancy model ...1000

(Poulaine Model)

15th Century French Armor

As illustrated....$800
Reinforced model ... 900

French Armor, Henry IV

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

GREENER HARPOON GUN

This gun has been designed primarily for taking the smaller mammals and big game fish, where it is found impracticable to take them with the usual forms of bait and tackle.

It is novel in many ways and is protected under Patents.

The gun has been designed also with the object of combining the following important features.

ACCURACY at all practical ranges likely to be required.

SIMPLICITY and SPEED of reloading.

REDUCTION of RECOIL, so that the gun can be fired from the shoulder without discomfort.

REDUCTION in WEIGHT of the gun, so that it can be handled easily and aimed as quickly as a shot gun.

The complete outfit consists of:

The gun. 2 line-release frames. 2 cleaning rods. 3 harpoons. (Spares can be supplied at extra cost if required and provision is made for carrying six in the box). 6 shooting lines. 50 cartridges 10 grain load. 50 cartridges 14 grain load. Cleaning implement and tin of oil.

The whole is packed in a strong, light box, 38" x 13" x 4½". Total weight approximately 30 lbs.

Price ..... **$29[illegible].00**

Extra Harpoons....each **$17.50** Cartridges per box of 10.. **$2.50**

NOTE. Before despatch from the Factory every gun and harpoon is submitted to the English Proof Authorities, and is tested by firing, the pressure set up being 33⅓% greater than when the maximum service load is used.

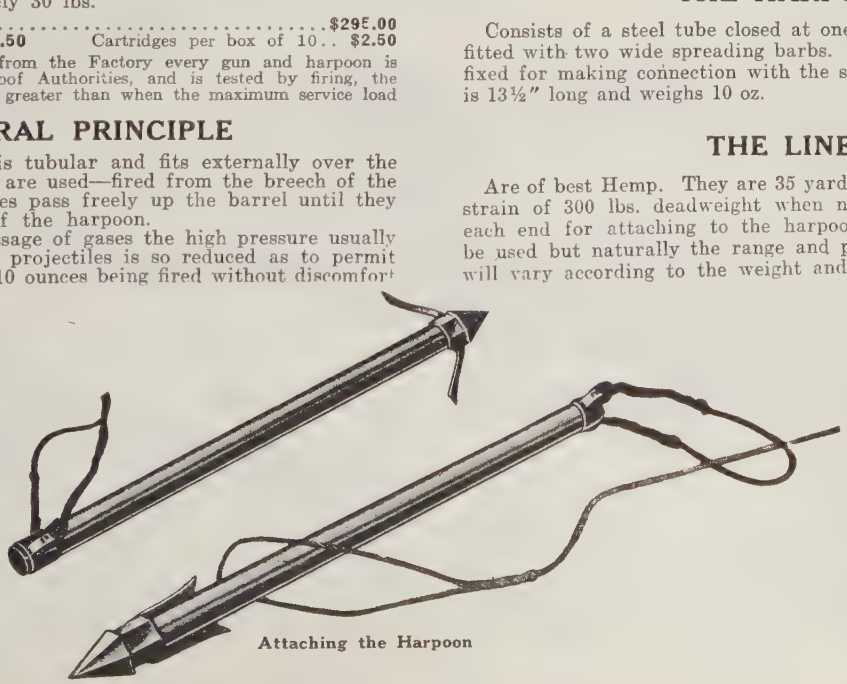
GENERAL PRINCIPLE

The Greener harpoon is tubular and fits externally over the barrel. Blank cartridges are used—fired from the breech of the gun—and the powder gases pass freely up the barrel until they impinge upon the head of the harpoon.

By this initial free passage of gases the high pressure usually set up when firing heavy projectiles is so reduced as to permit of the harpoon, weighing 10 ounces being fired without discomfort from a gun weighing only 3¼ pounds.

Two detachable line release frames are carried on the lid of the box in which the complete outfit is packed. The winding of the line is also done for convenience when the frames are clamped on the lid. One of the frames is then transferred to the forend of the gun. It carries 35 yards of line which may be termed the "Shooting" line. The forward end of this is attached to the harpoon and the other to a long handline, buoy, fishing rod or any other device for playing the fish. When fired the harpoon pulls the line clear of the gun entirely so that the latter cannot be pulled overboard when the fish "Runs."

If the harpoon misses the mark it can be recovered, the second frame fitted and the gun reloaded ready to fire again in 45 seconds.



Attaching the Harpoon

THE GUN

The action employed is of the well-known Martini type, strong and reliable. It is fitted with a very efficient non-automatic safety bolt actuated by a thumb lever on the side of the action body.

The barrel is not intended to be detached. The muzzle end for 12" is ground parallel externally and is of such a size that it passes easily within the shank of the harpoon. A retaining spring is fitted to prevent the harpoon slipping off the barrel and to position the barbs vertically—the top one is used as the foresight. An adjustable backsight is also fitted. The forend is adapted to take the line-release frame which is detachable and consists of two arms of polished material fixed to a metal base bar. The arms converge slightly to facilitate the releasing of the line.

THE HARPOON

Consists of a steel tube closed at one end by the head which is fitted with two wide spreading barbs. To the other end a loop is fixed for making connection with the shooting line. The harpoon is 13½" long and weighs 10 oz.

THE LINES

Are of best Hemp. They are 35 yards long and have a breaking strain of 300 lbs. deadweight when new. A loop is spliced at each end for attaching to the harpoon. Any size of line may be used but naturally the range and penetration of the harpoon will vary according to the weight and diameter of the line.

CARTRIDGES

Are specially made to suit the gun. They are packed in boxes of 10.

Special powder is used and there are two loads:

10 grains, for shooting at short range or where light penetration is required.

14 grains, for long range or heavy penetration.

The load should be specified when ordering fresh supplies.

This page reproduced from Stoeger Catalog Edition No. 32, 1940.

RECORD-MATCH AND LUNA MATCH PISTOLS

THE WORLD'S FINEST .22 CALIBER TARGET PISTOLS

We take great pleasure in being able to announce to the American Shooting Fraternity that we have now been appointed sole and exclusive American Agents for the most famous manufacturer of the highest grade target arms in the world. The pistols shown are those manufactured by Udo Anschutz whose Record Match Pistol astounded shooters with its record breaking performance in the Olympic Matches in Berlin in 1936 where it smashed all records to take the gold prize against practically every other well-known make in the world. The firm of Udo Anschutz has also taken over the erstwhile concern of Ernst Friedr. Buechel and has continued the manufacturing of the famous Luna Pistol. The Tell Pistol has been discontinued by us because the new Luna embodies all of its advantages and more. All these pistols are built with a falling block action and lightening quick firing pin. A few of the championships which have been won with these pistols are noted below.

International Match at Rome, 1911, World Championship.
Internation Match at Biarritz, 1912, World Championship.
International Match at Camp Perry, 1913, World Championship.
Championship of Germany 1922.

International Match at Reims, 1924, World Championship.
International Match at Rome, 1926, World Championship.
International Match at Rome, 1935, World Championship.
Olympic Matches, 1936, Berlin, World Championship.

THE RECORD SMASHING "RECORD-MATCH" PISTOL

Winner of the Gold Medal in the 1936 Olympics

Model 210

Price $135.00

In this, the Olympic Model, is embodied the Match Pistol of the most particular target champions——a weapon with a record of brilliant success and built to the highest and most exacting standards. This pistol is built with a specially patented Martini type action with lightning fast firing pin spring, and no spiral or simple flat springs with slow ignition are employed. The extractor is of the double arm type and ejects the empty case. The back of the action is bored out to permit easy cleaning from the breech. When the breech is open the breech block cuts off exactly at the cartridge chamber permitting very easy loading. The trigger is set by means of a lever on the left side of the pistol which, after having set the trigger, goes back into its normal position. On this pistol there is no trigger in the usual sense, but in place of it, is a small button which is adjustable in length and is so placed that the tip of the finger resting on the finger guard can fire it with only an ounce or two of pressure. The pressure required to fire the gun is also adjustable and the set trigger mechanism itself is a work of art. An outstanding feature of the pistol is the extremely low position of the sights which places at a minimum shooting errors which are caused by canting the barrel. The rear sight itself is built upon an extension in the back of the receiver as illustrated and is supplied with three interchangeable types of apertures. The sight itself is of the micrometer type adjustable by means of thumb screw. The shape of the grip which varies radically from that of the usual pistol models is anatomically correct for the hand, permitting a most perfect balance for those having unusually large or small hands. The grip will be built to order at no extra charge if a sketch of the hand is sent. This special grip is what is known as a five finger type in which each finger has its own special rest and support. In addition to the foregoing this model has a hand base which will be seen in the illustration which is adjustable both for height and angle which also acts as a hand support. In short, this type of stock lies in the hand as though it had been poured in, permitting absolutely unforced aim without effort or tiring. While practically no manufacturer will give a guarantee of accuracy, nevertheless this pistol carries a guarantee of a spread of more than 1″ at 50 meters which is 55 yards. Groups of ½″ at 50 yards with this pistol are possible. Barrel length is 28 cm. (11″); weight about 2 lbs., 14 oz.

Model 210A

This pistol is identical to Model 210 except that the action is built of Dural Light Metal which reduces the weight of the pistol to about 2 lbs., 3 ozs.

Price $148.00

THE "RECORD" PISTOL
Model 200

This pistol is built along the lines of Model 210 except that the shape of the grip is somewhat different and instead of the button release it employs the usual type of trigger which is set by a lever on the side and adjustable by means of a little screw shown in the illustration immediately behind the trigger. The other details of the pistol are in general the same as Model 210 except that Model 200 is somewhat plainer throughout.

THE CHOICE OF CHAMPIONS

Price $98.50

THE NEW "LUNA" No. 300

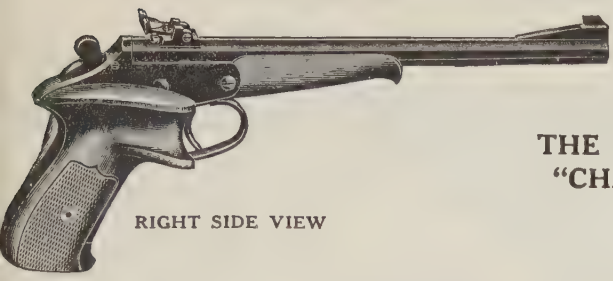
Cal. .22 Long Rifle

Price $98.50

A PISTOL FOR A LIFETIME

The famous Luna Pistol designed by Ernst Friedr. Buechel which has become known throughout the world and used by many experts has now been somewhat re-designed by the present maker, Udo Anschutz, who has in addition, greatly improved upon the quality of material and workmanship as well as many other details. Yet, in spite of this, we are able to offer it at a lower price than formerly. The new Luna Pistol has the adjustable hand rest as used on the Record Pistol and the breech which is of the Aydt style is open by a slight pressure on the back of the back strap extension shown under the hand rest. The octagon barrel is 28 cm. long (11″) and made of Bohler steel. The three easily interchangeable front sights are supplied. Distance between sights is approximately 15″ and weight 2½ lbs. On special order this pistol may be had with longer barrel.

STOEGER SINGLE SHOT MATCH PISTOLS



RIGHT SIDE VIEW

THE NEW STOEGER "CHALLENGER A"

LEFT SIDE VIEW

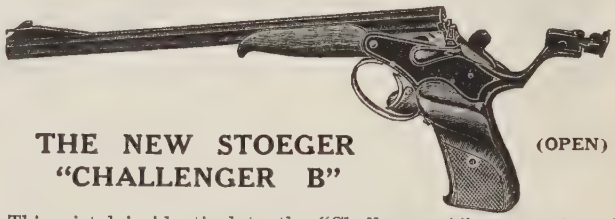
This is an entirely new .22 long rifle caliber pistol especially developed by us for American Free Pistol Shooters who want a high grade precision pistol and yet do not care to go to the expense that is involved with such pistols as the Record Match and Luna Pistols shown on the opposite page. This new pistol fills a very definite niche in the pistol world, and will be found highly satisfactory in every way by even the fussiest shooters. This pistol has a tip-down action which is operated by a pressure of the thumb on a lever on the left side of the pistol which permits opening of the pistol with one hand and thus permits rapid reloading. The accuracy is assured, the barrels being of the same high quality for which our Stoeger Target Pistols have always been famous. The pistol is equipped with an outside hammer with a very short and powerful thrust, the trigger is adjustable and it is unusually smooth and without creep. The rear sight is adjustable by means of a key both for windage and elevation with a square notch and the removable front sight is of the square blade type. The pistol is equipped with 10″ octagon barrel and the distance between sights is slightly less. The fact that the pistol has 10″ barrel and distance between sights of even less permits it to be used in ordinary pistol matches where the average free pistol would be eliminated. The grips are of walnut, neatly checkered and moulded to suit the hand of most shooters and this, combined with the excellent balance assures an easy and steady grip conducive of the best shooting. The weight is about 2½ lbs.

Price **$42.50**

ARMINIUS MATCH PISTOL

No. 780. This is the famous Pickert "Arminius" Match Pistol with which many records have been made. It is perhaps the most comfortable and naturally pointing pistol made. Especial care is given to the trigger pull which is excellent and without "creeps." The barrel is most carefully rifled, chambered and lapped. Top of barrel has matted rib, length of barrel, 10 inches. Rear sight is adjustable for windage and elevation by means of a thumb screw, and has square wide notch. Front sight is wide and square. Supplied with automatic ejector. Barrel breaks down by pressing tang of trigger guard forward. Has carefully checkered walnut grip and weighs just 2 pounds.

Price **$87.50**

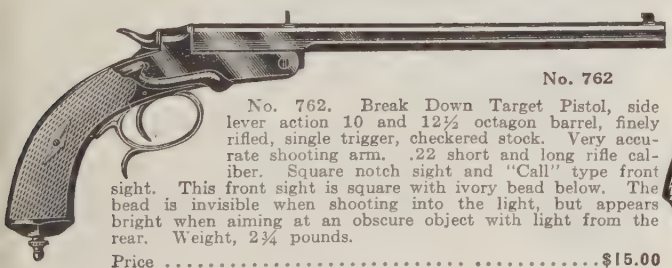


THE NEW STOEGER "CHALLENGER B"

(OPEN)

This pistol is identical to the "Challenger A" except that the rear sight is built upon a tang as illustrated which increases the sight radius to about 13″ which is an advantage where no restriction is placed upon the distance between sights and permits the shooter to compete successfully against the most expensive Free Match Pistols.

Price **$50.00**



No. 762

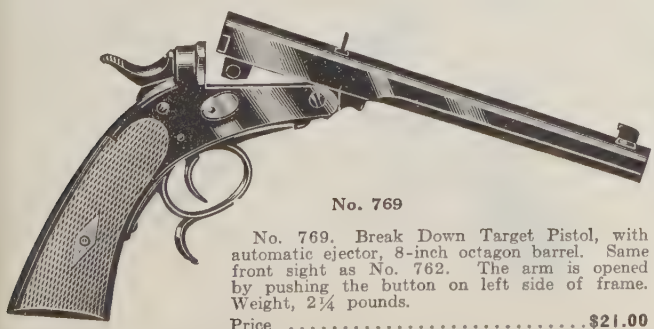
No. 762. Break Down Target Pistol, side lever action 10 and 12½ octagon barrel, finely rifled, single trigger, checkered stock. Very accurate shooting arm. .22 short and long rifle caliber. Square notch sight and "Call" type front sight. This front sight is square with ivory bead below. The bead is invisible when shooting into the light, but appears bright when aiming at an obscure object with light from the rear. Weight, 2¾ pounds.

Price **$15.00**

No. 763

No. 763. Same as 762, but half octagon, half round barrel, adjustable rear sight, trigger may be set by pushing same forward. Weight, 2½ pounds; 10 inch barrel only.

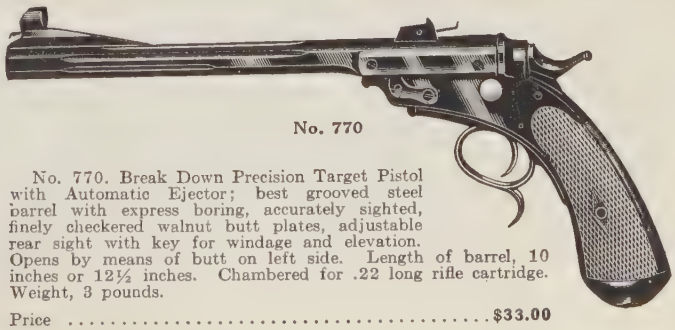
Price **$20.00**



No. 769

No. 769. Break Down Target Pistol, with automatic ejector, 8-inch octagon barrel. Same front sight as No. 762. The arm is opened by pushing the button on left side of frame. Weight, 2¼ pounds.

Price **$21.00**



No. 770

No. 770. Break Down Precision Target Pistol with Automatic Ejector; best grooved steel barrel with express boring, accurately sighted, finely checkered walnut butt plates, adjustable rear sight with key for windage and elevation. Opens by means of butt on left side. Length of barrel, 10 inches or 12½ inches. Chambered for .22 long rifle cartridge. Weight, 3 pounds.

Price **$33.00**

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

TARGET PISTOLS

No. 760. Bolt Action Take Down Target Pistol with 11 inch round barrel for .22 short and long rifle cartridges; walnut stock. Weight 2 1-4 lbs.

Price **$7.50**

No. 762. Break Down Target Pistol, side lever action, 11 inch octagon barrel, finely rifled, single trigger, checkered stock. Very accurate shooting pistol. .22 short and long rifle caliber. Weight 2 3-4 pounds.

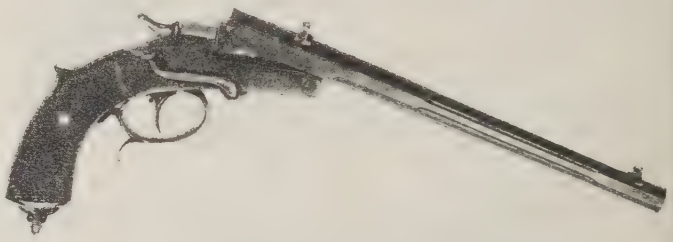
Price **$10.00**

No. 763. Same as No. 762, but half octagon, half round barrel, adjustable rear sight, hair trigger. Weight 2 1-2 pounds.

Price **$14.50**

No. 765. Same as No. 763, but with grooved barrel. Weight 2 1-2 lbs.

Price **$15.50**



No. 769. Break Down Target Pistol, with automatic ejector, 8 inch octagon barrel. Opening the pistol by pushing the button.

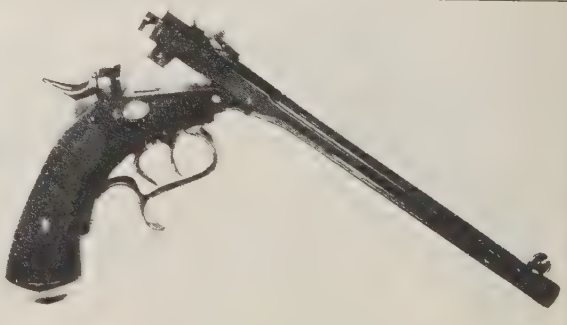
Weight 2 1-4 lbs.

Price **$13.75**

No. 770. Break Down Precision Target Pistol with Automatic Ejector, best steel grooved barrel with express boring, accurately sighted, hair trigger, fine checkered butt plates. Opening the pistol by pushing button. Length of barrel 11 inches. Chambered for .22 short and .22 long rifle caliber.

Weight 3 lbs.

Price **$25.00**

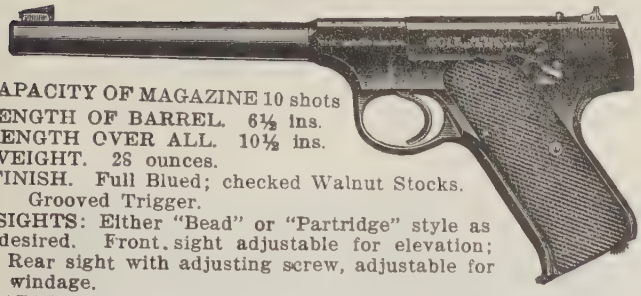


This page reproduced from Stoeger Catalog Edition No. 1, 1925.

Colt Automatic Pistols

CALIBER 22, TARGET MODEL

Woodman Model



CAPACITY OF MAGAZINE 10 shots
LENGTH OF BARREL. 6½ ins.
LENGTH OVER ALL. 10½ ins.
WEIGHT. 28 ounces.
FINISH. Full Blued; checked Walnut Stocks. Grooved Trigger.
SIGHTS: Either "Bead" or "Partridge" style as desired. Front sight adjustable for elevation; Rear sight with adjusting screw, adjustable for windage.
CARTRIDGE: .22 Long Rifle, rim fire (lubricated cartridges) only.

Note.—We recommend the use of either "Lesmok" or "Semi-smokeless" ammunition. Price $32.00

EXTRA MAGAZINE, 2.00

POCKET MODEL, CALIBER 25, HAMMERLESS

For the 25 Rimless, Smokeless Cartridge

CAPACITY OF MAGAZINE 6 shots.
LENGTH OF BARREL. 2 inches.
LENGTH OVERALL: 4½ inches.
FINISH. Full Blued, with case - hardened trigger, slide lock safety and grip safety. or Full Nickel plated. Checked Walnut

This model COLT has been produced to meet the demand for an arm that would combine extra light weight and very small size with the essential features of a practical and efficient pistol.

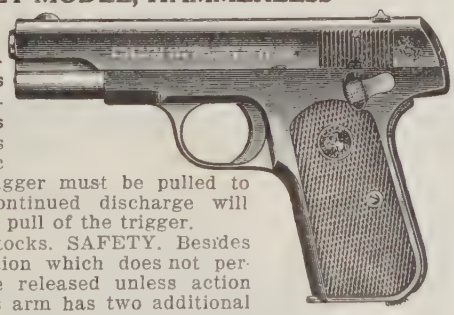
The action is similar to that of the caliber .32.

Being flat and compact (only thirteen ounces in weight and four and one-half inches long), this arm can be conveniently carried in a vest pocket (or other easily accessible place), ready for instant use, with perfect safety, and has no equal in its size for Power, Accuracy and Effectiveness.

Price $17.00

EXTRA MAGAZINE, 65c

POCKET MODEL, HAMMERLESS



For the following Cartridges:
Caliber 32 Rimless Smokeless
Caliber 380 Rimless Smokeless

The action of this pistol is automatic except that the trigger must be pulled to fire each shot; continued discharge will not result from one pull of the trigger. Checked Walnut stocks. SAFETY. Besides the safety in the action which does not permit hammer to be released unless action is fully closed, this arm has two additional operating safeties:

(1) The Slide Block indicates when the arm is cocked and, when engaged in the slide cut, disconnects the trigger from the operating mechanism, but can be readily drawn down by the thumb when one desires to shoot;

(2) An Automatic Grip Safety, also acting as an indicator, locks the action until the handle is firmly grasped when pulling the trigger.

It will thus be seen that there are two indicators showing when the hammer is cocked; and there are two Safeties, either of which is absolutely positive, one of which is automatic.

Price .32 Caliber $20.50
Price .380 Caliber 20.50

EXTRA MAGAZINE, 75c

SUPER .38 TARGET MODEL

For the 38 Rimless, Smokeless Cartridge

The Super .38 Colt Automatic Pistol. Built on the Popular .45 Cal. Gov't. Model Automatic Pistol Frame.

This New Colt is brought out to meet the demand of the Target Shooter and Big-Game Hunter for an improved Automatic Pistol to handle the powerful .38 caliber Automatic Cartridge. The Ideal Side Arm for the Big Game Hunter. Will stop any animal on the American Continent.

The .38 Automatic Colt Cartridge has high velocity with flat trajectory, great shocking power and deep penetration. An excellent weapon with very little recoil, and super-accurate at long range. The New Colt Super .38 has all the safety features of the Colt Government Model. Capacity of magazine, 9 shots, other specifications same as Colt .45 Government Model.

The Ballistics of the .38 Automatic Colt Cartridge are as follows:

Weight of Bullet	130 Grains
Penetration	12 ⅞-inch Pine Boards
Muzzle Velocity	1,190 Foot Seconds
Muzzle Energy	408 Foot Pounds

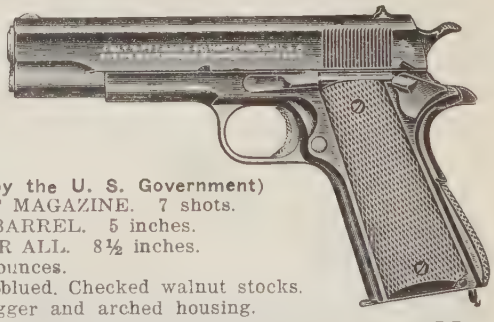
Price $36.75

EXTRA MAGAZINE $1.25

N. B.—This Model Supercedes the Military Model Caliber .38 as well as the Pocket Model Caliber .38 Colt Automatic Pistols which have been discontinued.

GOVERNMENT MODEL, CALIBER 45

For the 45 Rimless, Smokeless Cartridge



(Adopted by the U. S. Government)
CAPACITY OF MAGAZINE. 7 shots.
LENGTH OF BARREL. 5 inches.
LENGTH OVER ALL. 8½ inches.
WEIGHT. 39 ounces.
FINISH: Full blued. Checked walnut stocks. Checked trigger and arched housing.

THE MOST POWERFUL AUTOMATIC PISTOL MADE
Accidental Discharge is Absolutely Impossible with the Colt Automatic Pistol

In this model the slide remains open after firing the last cartridge. When reloading the arm in this position, insert the magazine, then press downward the slide stop (to the rear of the trigger as illustrated). The slide goes forward, inserting a cartridge without any movement of the slide by hand. The slide stop is operated by the thumb of the hand holding the pistol.

This model is equipped with the Colt Automatic Grip Safety and Safety Lock.

Price $36.75

EXTRA MAGAZINE, $1.25

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

Stoeger .22 Caliber Attachment

FOR .45 GOVERNMENT MODEL AUTOMATIC OR SUPER .38

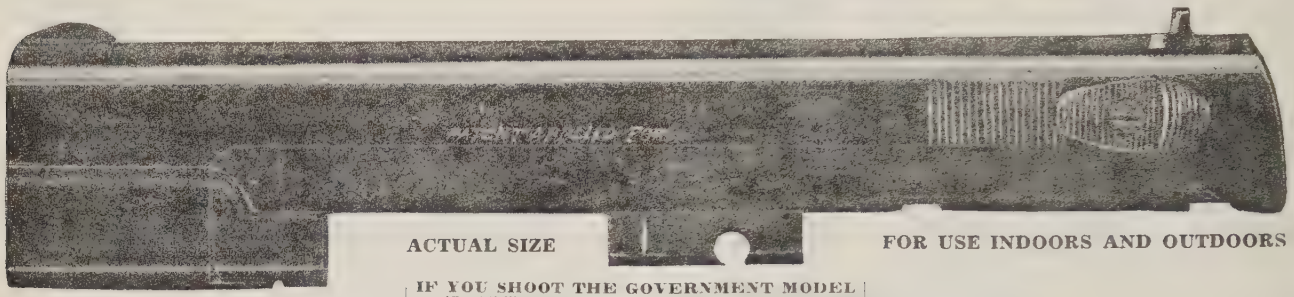
The Stoeger .22 Caliber Attachment has been designed to enable devotees of the Government Model .45 Automatic and Super .38 to acquire, at minimum cost and difficulty, through constant, inexpensive practice, to become proficient with their favorite weapon. Thousands of pistols throughout the country lie useless, due to the inaccessibility of a satisfactory range for their powerful cartridges. With the **Stoeger .22 Attachment,** practice may be had in almost any basement or vacant lot, and at but a fraction of the cost. Other devices have been placed on sale, but all have encountered difficulties which were found impossible to overcome.

Price $15.00

Perhaps the greatest single advantage of the **Stoeger .22 Attachment** lies in the fact that the shooter has the identical trigger pull as when firing the heavy caliber. Every marksman will realize at once of what invaluable benefit this one feature is.

The Stoeger .22 Attachment is especially recommended for training purposes and will overcome flinching and gun shyness. It is also of particular advantage to the reserve officer who is desirous of attaining distinction in marksmanship during his summer training. It is invaluable at military schools and wherever groups are instructed in the use of the pistol.

Price, Extra for Target Sights, $5.00



ACTUAL SIZE

FOR USE INDOORS AND OUTDOORS

TO MOUNT THE ATTACHMENT

The attachment replaces the slide and barrel of the automatic pistol. It fits the track of the frame (receiver). Dismount the slide and barrel of the automatic pistol. The attachment may then be pushed into the track on the frame (receiver) and locked in place by the regulation pin (slide stop). No tools or fittings are necessary to make the change.

OPERATION

After the Attachment is mounted, a small thumb piece is pushed near the breech, on the left side, which releases the catch and the barrel tips up automatically at the breech end ready for loading. After inserting the cartridge, the barrel is pressed down, until locked by the catch, when the weapon may be fired. After firing, when the barrel tips up for reloading, an extractor starts the empty shell, leaving it projected about one-quarter inch from the barrel. The extractor then returns automatically, leaving the shell for easy and convenient removal. The safeties function with the Attachment.

In this attachment all difficulties with interchangeability of sights, loose parts, etc., have been eliminated. It has been examined by experts of the Ordnance Department, U. S. A., and of the U. S. Revolver Association and is placed on the market with the assurance, **"It Will Improve Your Shooting."**

IF YOU SHOOT THE GOVERNMENT MODEL .45 AUTOMATIC YOU WILL NEED THE STOEGER ATTACHMENT BECAUSE:

Low Initial Cost—This Attachment costs less than six boxes of ammunition for the .45 Automatic.

Low Maintenance—You can fire 8 .22 cal. long rifle cartridges for the cost of one round of the regulation .45 ammunition.

.22 cal. cartridges used with the **Stoeger Attachment** have practically no recoil, thus curing the fatal flinching habit and paving the way to accurate marksmanship.

You have the same grip, trigger pull sights, balance and feel as you have with your own .45 automatic pistol.

It is the safest ever produced for teaching marksmanship to recruits and beginners. All safeties on the .45 frame function with the Attachment.

You can practice target shooting indoors as well as outdoors.

It eliminates the carrying of two complete pistols on camping trips. The Attachment will be found ideal for small game and rodents.

With the Single Shot pistol the shooter will always strive to **Make Every Shot a Bull's Eye.**

The accuracy of the **Stoeger .22 Attachment** is assured because the sights are on a fixed unit instead of moving parts and the barrel is held to close tolerances.

You have for $15.00 the peer of any pistol ever made and sold for double the price or more.

Completely self-contained—no screws or small loose parts to get lost or mislaid.

SIGHTS

The sights regularly supplied are substantially the same as the regulation service sights on the automatic pistols. They are correctly aligned for the average person. The rear sight may be moved for windage being set in a dovetail.

SAFETY—The simple tip-up action combined with all the safeties of the .45 Automatic Gov't Model makes this Attachment the safest pistol to manipulate and sure that has yet been produced.

Retaining the stock and lock of the automatic pistol preserves the **same grip, trigger pull and feel** for the .22 caliber attachment.

Sights, weight and balance are substantially the same as with the service arm.

Six inch barrel, chambered for the .22 cal. long rifle cartridge.

Cartridge rim completely housed in prevents "blow-back."

Interchangeable on .45 cal. automatic pistol (U. S. Government Model), and Super .38 cal.

CARE AND CLEANING

One of the important advantages of the **Stoeger Attachment** is the accessibility of all parts for easy cleaning and oiling. Use **Stoegerol** (a solvent and oil in one) for cleaning.

The Attachment mounted on the Government Model Cal. .45, Automatic frame (receiver) with the action open for loading.

ABOVE—ATTACHMENT DISMOUNTED
BELOW—ATTACHMENT MOUNTED

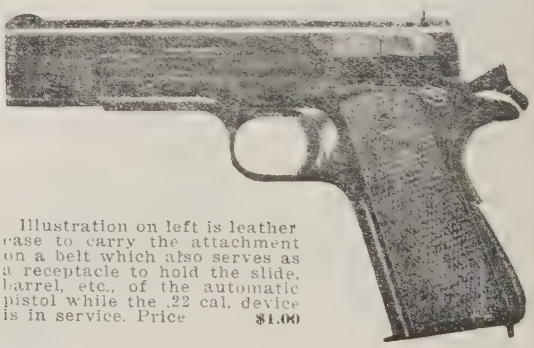
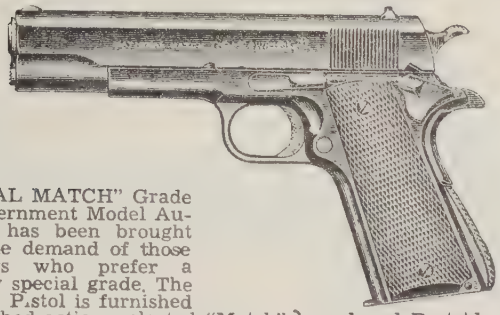


Illustration on left is leather case to carry the attachment on a belt which also serves as a receptacle to hold the slide, barrel, etc., of the automatic pistol while the .22 cal. device is in service. Price **$1.00**

Colt Automatic Pistols

"NATIONAL MATCH" AUTOMATIC

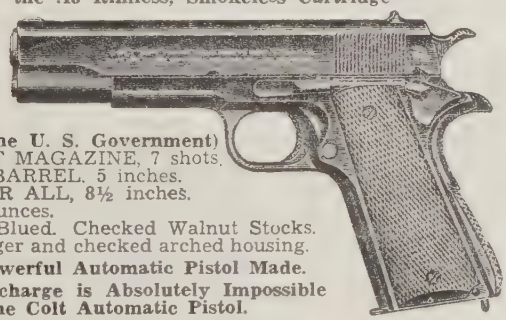


The "NATIONAL MATCH" Grade .45 caliber Government Model Automatic Pistol has been brought out to meet the demand of those target shooters who prefer a pistol of a very special grade. The National Match Pistol is furnished with hand-finished action, selected "Match" barrel and Partridge type 1/10 inch sights (⅛-inch sights furnished at no extra charge). Each pistol is accompanied by a test target.

SPECIFICATIONS—Caliber .45 for the .45 Automatic cartridge. Superb hand-honed, velvet smooth target action. Selected "Match" barrel. Square "Partridge" type rear sight. 1/10 inch from sight. ⅛-inch supplied if desired at no extra charge). Capacity of magazine, seven cartridges. Length of barrel, 5 inches. Length overall, 8½ inches. Checked trigger and hammer spur. Checked Walnut Stocks. Full Blued finish. Weight, 39 ounces. All Government Model Safety Features. **PRICE** **$40.75**

Extra Magazine **1.25**

GOVERNMENT MODEL, CALIBRE .45
For the .45 Rimless, Smokeless Cartridge



(Adopted by the U. S. Government)
CAPACITY OF MAGAZINE, 7 shots.
LENGTH OF BARREL, 5 inches.
LENGTH OVER ALL, 8½ inches.
WEIGHT, 39 ounces.
FINISH: Full Blued. Checked Walnut Stocks. Checked trigger and checked arched housing.

The Most Powerful Automatic Pistol Made.

Accidental Discharge is Absolutely Impossible With the Colt Automatic Pistol.

In this model the slide remains open after firing the last cartridge. When reloading the arm in this position, insert the magazine, then press downward the slide stop (to the rear of the trigger as illustrated). The slide goes forward, inserting a cartridge without any movement of the slide by hand. The slide stop is operated by the thumb of the hand holding the pistol. This model is equipped with the Colt Automatic Grip Safety and slide lock safety.

Price ..... **$36.75** **Extra Magazine** **$1.25**

NEW STYLE ARCHED MAIN SPRING HOUSING

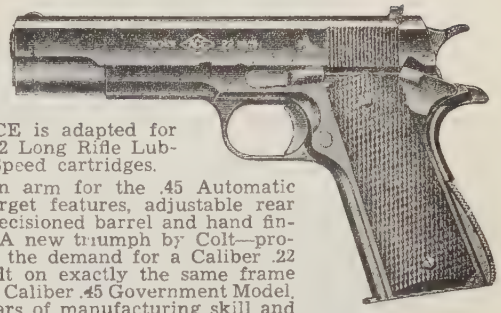
For Colt Automatic Caliber .45 ..... **$1.50**

NEW STYLE SHORT CHECKERED TRIGGER

For Colt Automatic .45 or .38 ..... **$1.50**
Old Style Trigger, Colt Automatic Caliber .45 or .38 .. **each 1.50**

COLT ACE AUTOMATIC PISTOL

CALIBER .22 Long Rifle



The Colt ACE is adapted for use with all .22 Long Rifle Lubricated High Speed cartridges.

A companion arm for the .45 Automatic Pistol with target features, adjustable rear sight, super-precisioned barrel and hand finished action. A new triumph by Colt—produced to meet the demand for a Caliber .22 Automatic built on exactly the same frame as the famous Caliber .45 Government Model. Ninety-five years of manufacturing skill and experience have been concentrated in the new ACE.

GENERAL SPECIFICATIONS—Caliber, .22 Long Rifle, rim fire Regular or High Speed. Length of Barrel: 4¾ inches. Length Over All: 8¼ inches. Stocks: Checked Walnut. Action Hand Finished. Sights: Rear target sight adjustable for elevation and windage. Front sight fixed. Trigger: Checked. Arched Housing: Checked. Finish: Full Blued. Weight: 38 ounces. Capacity of Magazine: 10 cartridges.

Price ..... **$40.75** **Extra Magazine** **$2.00**

SUPER .38 MODEL
For the .38 Rimless, Smokeless Cartridge.

The Super .38 Colt Automatic Pistol Built on the Popular .45 Caliber Government Model Automatic Pistol Frame. This New Colt is brought out to meet the demand of the Target Shooter and Big Game Hunter for an improved Automatic Pistol to Handle the powerful .38 caliber Automatic Cartridge. The Ideal Side Arm for the Big Game Hunter.

Will stop any animal on the American Continent. The .38 Automatic Colt Cartridge has high velocity with flat trajectory, great shocking power and deep penetration. An excellent weapon with very little recoil, and super-accurate at long range. The New Colt Super .38 has all the safety features of the Colt Government Model. Capacity of magazine 9 shots; other specifications same as Colt .45 Government Model.

The Ballistics of the .38 Automatic Cartridge are as follows

Weight of Bullet	130 Grains
Penetration	12⅞-inch Pine Boards
Muzzle Velocity	1,190 Foot Seconds
Muzzle Energy	408 Foot Pounds

Price ..... **$36.75** **Extra Magazine** **$1.25**

N. B.—This Model supercedes the Military Model Caliber .38 as well as the Pocket Model Caliber. 38 Colt Automatic Pistols which have been discontinued.

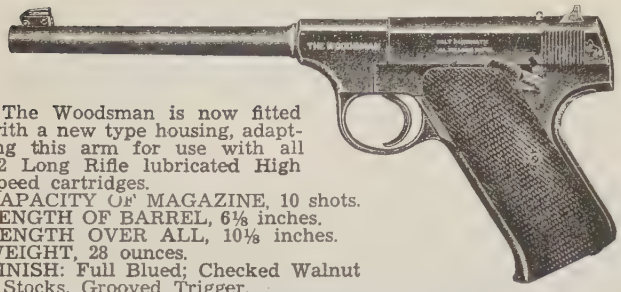
STOEGER'S 25-SHOT MAGAZINE

Made for the Government Model .45 Automatic Pistol. Fits this model pistol without any alterations. Can be easily loaded by hand. Invaluable for Police, Riot Duty

Price ..... **Each $10.00**

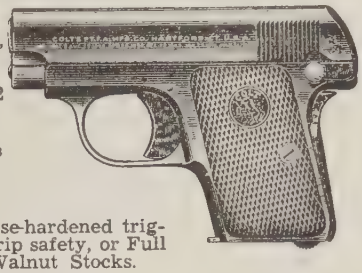
Colt Automatic Pistols and Revolvers

WOODMAN MODEL
CALIBER 22—TARGET MODEL



The Woodsman is now fitted with a new type housing, adapting this arm for use with all .22 Long Rifle lubricated High Speed cartridges.
CAPACITY OF MAGAZINE, 10 shots.
LENGTH OF BARREL, 6⅛ inches.
LENGTH OVER ALL, 10⅛ inches.
WEIGHT, 28 ounces.
FINISH: Full Blued; Checked Walnut Stocks, Grooved Trigger.
SIGHTS: Either "Bead" or "Partridge." Front sight adjustable for elevation; Rear sight adjustable for windage.
CARTRIDGE: .22 Long Rifle, rim fire (Regular or High Speed).
Price **$32.00**
Extra Magazine **2.00**

POCKET MODEL, CALIBER .25, HAMMERLESS
For the 25 Rimless, Smokeless Cartridge.



CAPACITY OF MAGAZINE, 6 shots.
LENGTH OF BARREL, 2 inches.
LENGTH OVER ALL, 4⅛ inches.
FINISH: Full Blued, with case-hardened trigger, slide lock safety and grip safety, or Full Nickel Plated. Checked Walnut Stocks.

This model COLT has been produced to meet the demand for an arm that would combine extra light weight and very small size with the essential features of a practical and efficient pistol.

The action is similar to that of the caliber .32.

Being flat and compact (only thirteen ounces in weight and four and one-half inches long), this arm can be conveniently carried in a vest pocket (or other easily accessible place), ready for instant use, with perfect safety, and has no equal in its size for Power, Accuracy and Effectiveness.
Price **$17.00**
Extra Magazine ..... **.65**

POCKET MODEL, HAMMERLESS

For the Following Cartridges

CALIBER .32
Rimless—Smokeless

CALIBER .380
Rimless—Smokeless

The action of this pistol is automatic except that the trigger must be pulled to fire each shot; continued discharge will not result from one pull of the trigger. This arm is equipped with two separate safety features in addition to the famous Colt Grip Safety, which does not allow the arm to be fired except when the trigger has been pulled simultaneously with squeezing the grip safety. These additional safety features are known as the Colt Slide Lock Safety and the Colt Magazine Disconnector. The Slide Lock Safety allows the arm to be carried cocked and ready for instant service without danger of discharge when the Slide Lock is in place. The Magazine Disconnector makes it possible to fire the arm only when the magazine is in place. Thus a cartridge accidently left in the chamber when the magazine is removed cannot be accidentally discharged.

Checked Walnut Stocks. Magazine Capacity: .32 Caliber, 8 cartridges; .380 Caliber, 7 cartridges. Weight, 24 ounces.
Price .32 Caliber **$20.50**
Price .380 Caliber **20.50**
Extra Magazine ..... **.75**

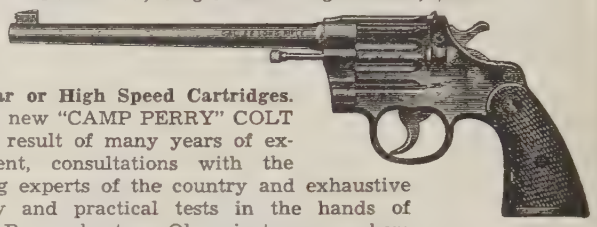
HIGH SPEED MAIN SPRING HOUSING

The new Main Spring Housing, built of special hardened steel, and adapting this arm for use with the new High Speed Cartridges.

Those who may wish to change over their present Woodsman to handle the High Speed Cartridges need simply replace their old housing with the new type.

PRICE $2.00

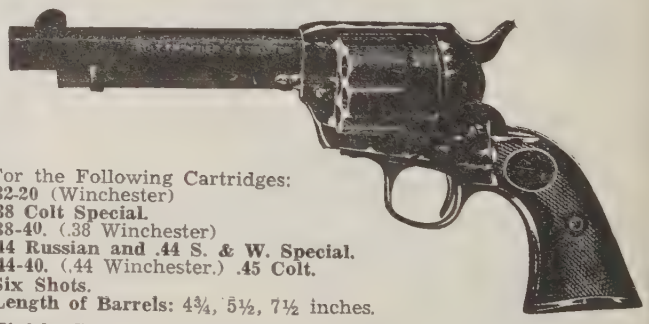
COLT "CAMP PERRY" MODEL
Caliber .22, Single Shot Target Pistol, $40.75



Regular or High Speed Cartridges.
This new "CAMP PERRY" COLT is the result of many years of experiment, consultations with the leading experts of the country and exhaustive factory and practical tests in the hands of Camp Perry shooters, Olympic team members and individuals in the actual match work and is designed to meet the demand for a Single Shot Pistol superior in grip, balance, action and accuracy to any arm of its class now on the market.

SPECIFICATIONS—**Cartridge:** The well known .22 Long Rifle. **Length of Barrel:** 10 inches; especially chambered to insure that great degree of accuracy demanded by experts. **Length Over All:** 13¾ inches. **Weight,** 34½ ounces. **Sights:** Either "Bead" or "Partridge" style as desired. Front Sight adjustable for elevation; Rear Sight, adjustable for windage. Sighting radius, 9½ inches. **Action:** Hand finished with trigger pull light, clean and smooth; Trigger and Back Strap finely checked. **Finish:** Full Blued. Checked Walnut Stocks. Frame edges and top mechanically stippled to prevent sun-glare or light reflection. Checkered Trigger.

SINGLE ACTION ARMY SINGLE ACTION REVOLVER, $34.00
Solid Frame Rod Ejection.



For the Following Cartridges:
.32-20 (Winchester)
.38 Colt Special.
.38-40. (.38 Winchester)
.44 Russian and .44 S. & W. Special.
.44-40. (.44 Winchester.) **.45 Colt.**
Six Shots.
Length of Barrels: 4¾, 5½, 7½ inches.

Finish: Case Hardened Frame; Blued Barrel and Straps, or Full Nickel Plated. Rubber Stocks.

Weight: .45 Caliber. With 4¾ inch barrel, 36 ounces.
Length Over All: With 4¾ inch barrel, 10¼ inches.

These Revolvers should be carried with the hammer resting in the Safety Notch. The "SINGLE ACTION ARMY" is the choice of fire-arms users who require a combination of reliability, durability and simplicity in mechanism.
Extra for Pearl Stocks .... **Per Pair $10.00**

COLT MATCH TARGET WOODSMAN

Cal. .22 Long Rifle

NEW 6½" HEAVY BARREL AND LONGER STOCKS

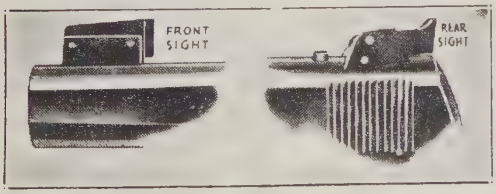
NEW STRAIGHTER TRIGGER . . . FREE FROM BACKLASH

The new Woodsman trigger is of straighter design—full width and deeply grooved the entire length to prevent slipping. The backlash has been removed and the trigger travel is so slight as to be hardly noticeable. The new trigger gives the expert shooter a sure, easy, comfortable squeeze.

SPECIALLY DESIGNED LONGER STOCKS

The stocks are constructed in a single piece fitting over the front strap and extending down well beyond the bottom strap. A comfortable, natural shooting grip. Securely attached, thoroughly checked, and non-slipping. Made of selected walnut.

FIXED FRONT SIGHT . . . RUGGED 2-WAY ADJUSTABLE REAR SIGHT



The new Woodsman has a perfect set of sights. The front sight is fixed Kelly type with full face and completely stippled.

The rear sight is NEW with adjustments for both elevation and windage. Both front and rear sights are exceptionally strong and rugged.

SPECIFICATIONS

Ammunition: .22 Long Rifle Greased Cartridges, Regular or High Speed • Magazine Capacity: 10 cartridges • Action: Hand finished. Velvet smooth • Barrel: Of special weighted design. Slightly tapered, with flat sides • Length of Barrel: 6½ inches • Length over All: 11 inches • Distance Between Sights: 9¼ inches • Weight: 36 ounces • Sights: Front fixed sight. Rear sight adjustable, with adjustments for both elevation and windage • Trigger: Grooved. Of special design, with excess travel and backlash removed • Stocks: Checked Walnut. Specially designed to cover front strap and extend below bottom strap • Finish: Blued. Top of barrel, receiver and slide stippled. Rear of slide and receiver also stippled.

Price

$41.75

So perfectly has this new Woodsman been designed, that it is hard to believe that seven full ounces have been added to its weight. The balance is absolutely perfect, with the weight in just the proper spot to boost timed and rapid fire scores. It's a streamlined job . . . thoroughly modern in every way.

The muzzle of the barrel is flat, with a slight tapering toward the rifling such as found on the most expensive rifles. To eliminate glare and light reflection the top of the barrel, receiver, and slide, as well as both sights have all been stippled to a fine dull finish. So has the rear of the slide and receiver.

The action of this new Match Target Woodsman is super smooth, and has been hand-honed to a velvet finish that only Colt craftsman could produce. The pull is smooth as glass . . . the let-off quick, sharp and without creep. Even the backlash has been removed. It's the smoothiest thing out in .22 pistols.

No expense has been spared to make this the World's Finest Target Pistol . . . the arm that has been designed BY Expert Shooters FOR Expert Shooters.

This page reproduced from Stoeger Catalog Edition No. 33, 1941.

COLT'S FIRE ARMS

POLICE POSITIVE SPECIAL

Double Action Revolver, $28.50

JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.32-20. (.32 Winchester.)
.38 Colt. (Using in the same arm .38 Long Colt, .38 Short Colt, .38 S. & W. Special, Full or Mid Range Loads.)
Six Shots.
Length of Barrels: 4, 5 and 5 in.
Finish: Full Blued or Full Nickel Plated. Rubber Stocks.
Weight: With 4-inch Barrel, 22 ounces.
Length Over All. With 4-inch barrel, 8½ inches.

This Revolver is fitted with the **Colt Positive Lock.**

The most **compact** and also the **lightest** revolver ever produced to take this **powerful** ammunition. The most **effective** pocket and house arm on the market.

Extra for Pearl Stocks ..... **Per Pair, $4.50**

POLICE POSITIVE TARGET

Double Action Revolver, $30.00

JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.22 Short, Long and Long Rifle. (Using .22 Short, Long or Long Rifle Rim Fire Cartridges when barrel is stamped "Cal. 22.")
.22 W. R. F. (Using **only** the .22 R. F. Model 1890 Rifle Cartridge when barrel is stamped ".22 W. R. F.")
.32 Colt Positive. (Using .32 Colt Police Positive. Full and Gallery Loads; also .32 S. & W. Short and Long Cartridges when barrel is stamped ".32 Police Ctg.")
Six Shots.
Length of Barrel. 6 inches only.
Sights. Either Bead or Partridge Sight as desired. Front Sight adjustable for elevation; Rear Sight with binding screw; adjustable for windage.
Finish: Full Blued, Rubber Stocks
Weight: 22 cal., 22 ounces; .32 cal., 19 ounces.
Length Over All. 10½ inches.

THIS REVOLVER is equipped with the **Colt Positive Lock.**

A very fine arm, and made to meet the demand for a light, small caliber Target Revolver, medium in price, for both indoor and outdoor shooting; light, smooth pull, well balanced, with the full Colt Grip.

Extra for Pearl Stocks ..... **Per Pair, $4.50**

NEW SERVICE TARGET

Double Action Revolver, $50.00

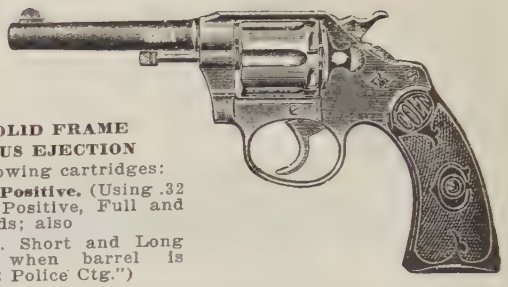
JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.44 Russian and .44 S. & W. Spec.
.455 Eley. (The English Service Cartridge.)
.45 Colt.
Straps and **Trigger** finely checked **Action.** Hand finished and without equal for smoothness and excellence of pull.
Sights: Either Bead or Partridge Sight as desired. Front sight adjustable for elevation: Rear sight with adjusting screw, adjustable for windage.
Six Shots.
Length of Barrel. 7½ inches.
Finish: Full Blued. Checked walnut stocks.
Weight. 42 ounces.
Length Over All. 12¾ inches.

Extra for Pearl Stocks ..... **Per Pair $13.00**

POLICE POSITIVE

Double Action Revolver, $27.00



JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.32 Colt Police Positive. (Using .32 Colt Police Positive, Full and Gallery Loads; also .32 S. & W. Short and Long Cartridges, when barrel is stamped ".32 Police Ctg.")
.38 Colt Police Positive. (Using Colt Police Positive and .38 S. & W. Cartridges.)
Six Shots.
Length of Barrels: Cal. 32, 2½, 4, 5 and 6 inches.
Cal. .38, 4, 5 and 6 inches.
Finish: Full Blued or Full Nickel Plated. Rubber Stocks.
Weight. With 4-inch barrel, 20 ounces.
Length Over All. With 4-inch barrel, 8¼ inches.

This model is equipped with the **Colt Positive Lock,** which is an absolute safeguard against accidental discharge.

"The Revolver with a Grip." Light, compact, high velocity and penetration, and very accurate. An ideal pocket or house arm.

Adapted by the Police Departments of the principal cities of the United States and Canada.

Extra for Pearl Stocks ..... **Per Pair, $4.50**

NEW SERVICE

Double Action Revolver, $34.00

JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.38-40. (38 Winchester.)
.44-40 (44 Winchester.)
.44 Russian and .44 S. & W. Spec.
.45 Colt.
Also For the Following English Cartridge:
.445. (Eley's.)
Six Shots.
Length of Barrels. 4½, 5½, and 7½ inches.
Finish: Full Blued or Full Nickel Plated. Rubber Stocks.
Weight. With 4½-inch Barrel, 40 ounces.
Length Over All. With 4½-inch Barrel, 9¾ inches.

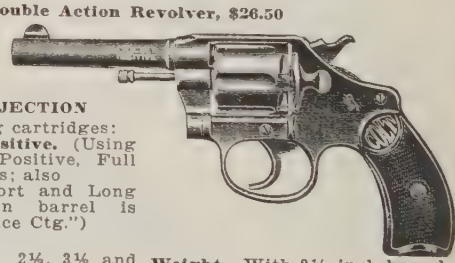
A heavy, particularly strong and servicable arm made in large calibers.

Adopted by Military Organizations and Mounted Police. A most excellent weapon for hunters and campers. Fitted with the Colt Positive Lock, which prevents accidental discharge.

Extra for Pearl Stocks ..... **Per Pair $13.00**

POCKET POSITIVE

Double Action Revolver, $26.50



JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION

For the following cartridges:
.32 Colt Police Positive. (Using .32 Colt Police Positive, Full and Gallery Loads; also .32 S. & W. Short and Long Cartridges, when barrel is stamped ".32 Police Ctg.")
Six Shots.
Length of Barrels. 2½, 3½ and 6 inches.
Finish. Full Blued or Full Nickel Plated. Rubber Stocks.
Weight. With 2½-inch barrel, 16 ounces.
Length Over All. With 2½-inch barrel, 6½ inches.

This arm is equipped with the **Colt Positive Lock,** an absolute preventive of accidental discharge.

Contains the same mechanism as the **Police Positive,** with a smaller handle and lighter in weight.

Extra for Pearl Stocks ..... **Per Pair, $2.50**

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

COLT REVOLVERS

OFFICERS' MODEL TARGET

Double Action Revolver, $40.75

JOINTLESS SOLID FRAME.
SIMULTANEOUS EJECTION.

For the Following Cartridges:
.38 Colt Special, also **38 S. & W. Special, Full and Mid Range Loads.**
Any of these Cartridges may be used in the same Revolver.
Strap and **Trigger** finely checked.
Action. Hand finished and without equal for smoothless and excellence of pull.
Sights. Either Bead or Partridge sights as desired. Front sight adjustable for elevation; Rear sight with adjusting screw, adjustable for windage.
Six Shots.
Length of Barrels, 6 and 7½ inches.

Finish: Full Blued. Checked Walnut Stocks.
Weight: With 6-inch barrel, 34 ounces.
Length Over All. With 6 inch barrel, 11¼ inches.

A Revolver **Perfect in Balance** and very popular with expert shots, with those who desire a fine Target Revolver at a medium price.
Extra for Pearl Stocks ..... **Per Pair, $10.00**

COLT ARMY SPECIAL

Double Action Revolver, $30.00

JOINTLESS SOLID FRAME.
SIMULTANEOUS EJECTION.

For the Following Cartridges:
.32-20. (.32 Winchester.)
.38 Colt.. (Using 38 Long Colt, .38 Colt, .38 Colt Special, also .38 S. & W. Special, Full and Mid Range Loads.)
Six Shots.
Length of Barrels: 4, 5 and 6 inches.

Finish: Fcll Blued or Full Nickel Plated Rubber Stocks.
Weight: With 6-inch barrel, 35 ounces.
Length Over All: With 6-inch barrel, 11¼ inches.

Extra for Pearl Stocks ..... **Per Pair, $6.25**

SINGLE ACTION ARMY

Single Action Revolver, $34.00

SOLID FRAME
ROD EJECTION.

For the Following Cartridges†
.32-20. (Winchester.)
.38-40. (.38 Winchester.)
.44 Russian and .44 S. & W. Special
.44-40. (.44 Winchester.)
.45 Colt.
Six Shots
Length of Barrels: 4¾, 5½ and 7½ inches.

Finish: Case Hardened Frame; Blued Barrel and Straps, or Full Nickel Plated. Rubber Stocks.
Weight :45 Caliber. With 4¾-inch barrel 37 ounces.
Length Over All With 4¾-inch Barrel, 10¼ inches.

These Revolvers should be carried with the hammer resting in the Safety Notch.

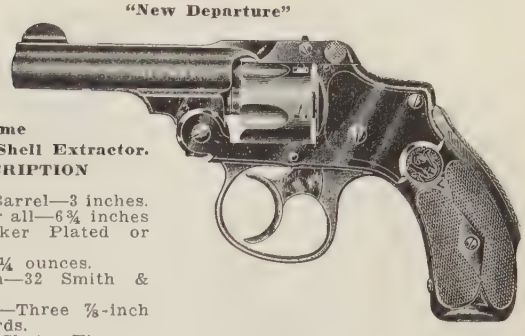
For over half a century this arm has seen more actual service, and more of them have been produced, than any Revolver ever manufactured.

The **"Single Action Army"** is the choice of fire-arms users who require a combination of reliability, durability and simplicity in mechanism.
Extra for Pearl Stocks ..... **Per Pair, $10.00**

SMITH & WESSON REVOLVERS

SAFETY HAMMERLESS MODEL

"New Departure"



Jointed Frame
Automatic Shell Extractor.

DESCRIPTION

Caliber—32.
Length of Barrel—3 inches.
Length over all—6¾ inches
Finish—Nicker Plated or Blued.
Weight—14¼ ounces.
Ammunition—32 Smith & Wesson.
Penetration—Three ⅞-inch Pine Boards.
Number of Shots—Fives.

Price, $26.75

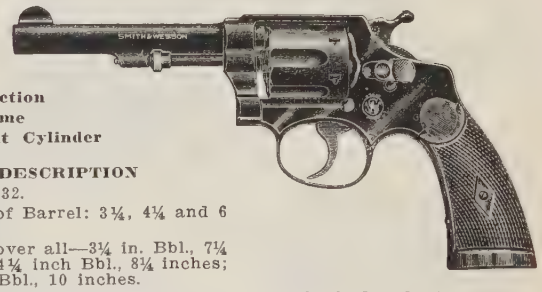
Extra for Pearl Stocks ..... **Per Pair, $2.00**

The safety lever and trigger must act in unison, and to discharge this arm otherwise than deliberately is an impossibility.

New Departure .38 caliber made in 3¼, 4 and 6 inch barrel.

Fitted with Wood Stocks ..... **Price $20.00**
Extra for Pearl Stocks ..... **Per Pair, $2.00**

HAND EJECTOR MODEL



Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION

Caliber—.32.
Lengths of Barrel: 3¼, 4¼ and 6 inches.
Lengths over all—3¼ in. Bbl., 7¼ inches 4¼ inch Bbl., 8¼ inches; 6 inch Bbl., 10 inches.
Finish: Nickel plated or blued. Stock—Checked walnut.
Weight: 3¼ inch Barrel, 18 ounces, 4¼ inch Barrel, 18½ ounces 6 inch Barrel, 19¼ ounces.
Ammunition: 32 Smith & Wesson Long Cartridge.
Penetration: Four and one-half ⅞-inch Pine Boards.
Number of Shots—Six.

Price, **$20.00**

Extra for Pearl Stocks ..... Per Pair, **$2.00**

REGULATION POLICE MODEL

New Patent Safety Hammer Block

Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION

Caliber—.32.
Lengths of Barrel—3¼, 4¼ and 6 inches.
Lengths over all—3¼-inch Bbl., 7½ inches ;4¼-inch Bbl., 8½ inches; 6-inch Bbl., 10¼ inches.
Finish—Nickel Plated or Blued.
Stock—Walnut Checked.
Weight—3¼ inch bbl., 17½ ounces; 4¼ inch bbl., 18 ounces; 6-inch bbl., 18¾ ounces.
Ammunition—.32 Smith & Wesson, Long; .32 Smith & Wesson.
Penetration: Four and one-half ⅞-inch Pine Boards.
Number of Shots—Six.

This arm can be furnished with target sights in the 6-inch length, Blue Finish, only at an additional cost.

Price, **$30.50**

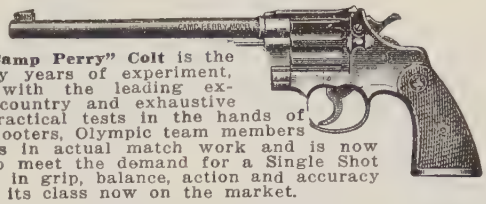
Regulation Police, .38 Caliber, made in 4-inch only ..Price **30.50**
Extra for Pearl Stocks ..... Per Pair, **$10.00**

NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

Colt Revolvers

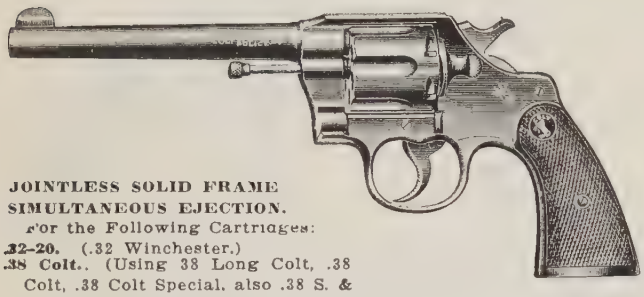
COLT "CAMP PERRY" MODEL
Caliber .22, Single Shot Target Pistol, $40.75



This new **"Camp Perry" Colt** is the result of many years of experiment, consultations with the leading experts of the country and exhaustive factory and practical tests in the hands of Camp Perry shooters, Olympic team members and individuals in actual match work and is now brought out to meet the demand for a Single Shot Pistol superior in grip, balance, action and accuracy to any arm of its class now on the market.

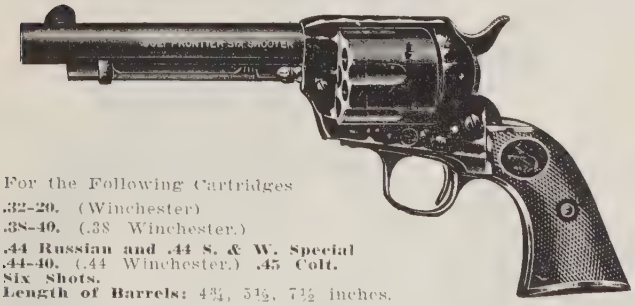
SPECIFICATIONS: Cartridge The well known .22 Long Rifle. Length of Barrel: 10 inches; especially chambered to insure that great degree of accuracy demanded by experts. **Length Over All:** 13¾ inches. **Weight** 34½ ounces. **Sights:** Either "Bead" or "Patridge" style as desired. Front Sight adjustable for elevation; Rear Sight, with adjusting screw, adjustable for windage. **Sighting radius** 9½ inches. **Action:** Hand finished, with trigger pull light, clean and smooth with no "backlash." Trigger and Back Strap finely checked. **Finish:** Full Blued. Checked Walnut Stocks. Frame edges mechanically stippled, with flat top and sights matted to prevent sun-glare or light reflection. Checkered Trigger.

COLT OFFICIAL POLICE, Double Action Revolver, $30.00
Formerly Known as Colt Army Special



JOINTLESS SOLID FRAME
SIMULTANEOUS EJECTION.
For the Following Cartridges:
.32-20. (.32 Winchester.)
.38 Colt. (Using 38 Long Colt, .38 Colt, .38 Colt Special, also .38 S. & W. Special. Full and Mid Range Loads.
Lengths of Barrel: 4, 5 and 6 inches.
Six Shots.
Finish: Full Blued or Full Nickel Plated, Checked Walnut Stocks. Checkered Trigger.
Weight: With 6 inch barrel, 35 ounces.
Length Over All: With 6 inch barrel, 11¼ inches.
Extra for Pearl Stocks ..... **Per Pair $6.25**

SINGLE ACTION ARMY, Single Action Revolver, $34.00
SOLID FRAME ROD EJECTION



For the Following Cartridges
.32-20. (Winchester)
.38-40. (.38 Winchester.)
.44 Russian and .44 S. & W. Special
.44-40. (.44 Winchester.) **.45 Colt.**
Six Shots.
Length of Barrels: 4¾, 5½, 7½ inches.

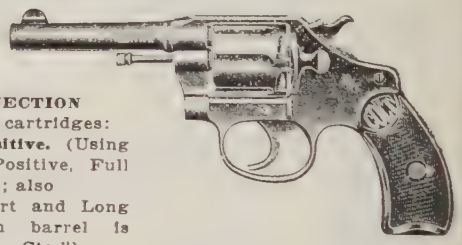
Finish: Case Hardened Frame; Blued Barrel and Straps, or Full Nickel Plated. Rubber Stocks.
Weight: .45 cal. With 4¾-in. barrel 37. ounces
Length Over All With 4¾" barrel 10¼".

These Revolvers should be carried with the hammer resting in the Safety Notch. The **"Single Action Army"** is the choice of fire-arms users who require a combination of reliability, durability and simplicity in mechanism.
Extra for Pearl Stocks ..... **Per Pair $10.00**

BANKER'S SPECIAL
JOINTLESS, SOLID FRAME SIMULTANEOUS EJECTION SWING-OUT CYLINDER
Double Action Revolver **Price $28.50**

The Banker's Special has passed the test for Safety, Accuracy and Reliability. Especially adapted for use by the Bank Employee, Cashier, Teller, Guard or Messenger whose primary demand is for a Revolver of small size—yet possessing the qualities of unfailing accuracy and dependability. Its small size permits it to be carried in the pocket, ready for instant use, yet so light in weight as to be hardly noticed. Equipped with the **Colt's** Positive Safety Lock —making accidental discharge impossible.
Six Shots.
Length of Barrel. 2 inches.
Finish. Full Blued or Full Nickel Plated. Checked Walnut Stock.
Weight. With 2 inch barrel, 19 ounces.
Weight Over All. With 2 inch barrel, 6½ inches.
Fully guaranteed for use with **Smokeless** and other powders in standard factory-loaded ammunition.
For the following cartridges:
.38 Colt's Police Positive. (Using .38 Colt's Police Positive and .38 S. & W. Cartridges.)

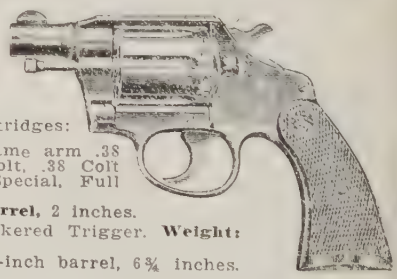
POCKET POSITIVE
Double Action Revolver, $26.50



JOINTLESS
SOLID FRAME

SIMULTANEOUS EJECTION
For the following cartridges:
.32 Colt Police Positive. (Using .32 Colt Police Positive, Full and Gallery Loads; also .32 S. & W. Short and Long Cartridges, when barrel is stamped ".32 Police Ctg.")
Six Shots.
Length of Barrels, 2½, 3½ and 6". **Weight.** With 2½" barrel, 16 ozs.
Finish. Full Blued or Full Nickel Plated. Rubber Stocks. **Length Over All.** With 2½-inch barrel, 6½ inches.
This arm is equipped with the **Colt Positive Lock,** an absolute preventive of accidental discharge.
Extra for Pearl Stocks ..... **Per Pair, $2.50**

COLT "DETECTIVE SPECIAL"
Double Action Revolver **Price $28.50**



Jointless Solid Frame
Simultaneous Ejection

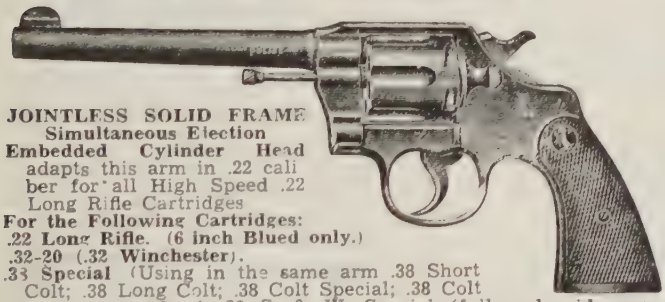
For the Following Cartridges:
.38 Colt. (Using in the same arm .38 Long Colt, .38 Short Colt, .38 Colt Special, .38 S. & W. Special, Full or Mid Range Loads.)
Six Shots. **Length of Barrel,** 2 inches.
ed Walnut Stocks. Checkered Trigger. **Weight:** 2-in. Barrel, 21 ozs.
Length Over All. With 2-inch barrel, 6¾ inches.

Colt Revolvers

OFFICERS' MODEL TARGET—Double Action Revolver $40.75

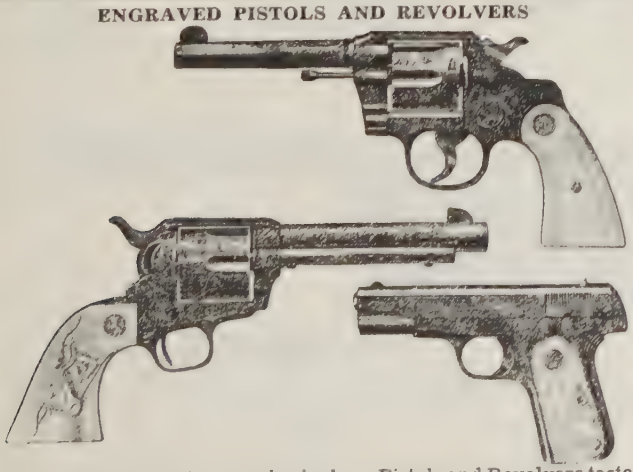
JOINTLESS SOLID FRAME
Simultaneous Ejection.
Embedded Head Cylinder adapts this arm in .22 Caliber for all High Speed .22 Long Rifle Cartridges.
For the Following Cartridges:
.22 Long Rifle (6 inch Barrel only.)
.38 Special. (Using in the same arm .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 Colt Special Hi-Speed; .38 S. & W. Special (full and mid-range loads); .38 S. & W. Special High Velocity; .38-44 S. & W. Special Hi-Speed).
Strap and Trigger finely checkered.
Action: Hand finished.
Sight: Either Bead or Partridge as desired. Front sight adjustable for elevation; Rear sight adjustable for windage.
Six Shots.
Length of Barrels: 4½, 6, 7½ in., .22 Caliber 6 inch only.
Finish: Full Blued. Checked Walnut Stocks. Checkered Trigger.
Weight: With 6-inch barrel, 34 ounces.
Length Over All: With 6 inch barrel 11¼ inches.
Extra for Pearl Stocks ..... **Per Pair, $10.00**

COLT OFFICIAL POLICE Double Action Revolver, $30.00
Formerly Known as Colt Army Special.



JOINTLESS SOLID FRAME
Simultaneous Ejection
Embedded Cylinder Head adapts this arm in .22 caliber for all High Speed .22 Long Rifle Cartridges.
For the Following Cartridges:
.22 Long Rifle. (6 inch Blued only.)
.32-20 (.32 Winchester).
.38 Special (Using in the same arm .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 Colt Special High Speed. .38 S. & W. Special (full and mid-range loads): .38 S. & W. Special High Velocity; .38-44 S. & W. Special Hi-Speed.
Length of Barrels: 4, 5 and 6 inches; .22 Caliber 6 inches only.
Six Shots.
Finish: Full Blued or Full Nickel Plated (.22 Caliber blued only); Checked Walnut Stocks. Checkered Trigger.
Weight: With 6 inch barrel, 34 ounces.
Length Over All: With 6 inch barrel, 11¼ inches.
Extra for Pearl Stocks ..... **Per Pair, $6.25**

ENGRAVED PISTOLS AND REVOLVERS



The above engraving can be had on Pistols and Revolvers tastefully executed in three grades, also special to order engraving.
Grade "A" Engraving ..$16.02 **Grade "B" Engraving** .. 26.70
Grade "C" Engraving 48.00

SHOOTING MASTER TARGET REVOLVER, $52.50

JOINTLESS
SOLID FRAME
Simultaneous Ejection
The new Colt "**Shooting Master**" is a deluxe product of Colt ingenuity and Colt craftsmanship—It stands out as the finest and most accurate target revolver yet produced.

The heavy frame, full grip and perfect balance of the "**Shooting Master**" lend confidence and steadiness to the shooter—and the velvet smoothness of its action makes higher scores a certainty.

A special feature of this arm is its rounded, palm-fitting grip. Both back and front straps are checked, providing a firm, full grip for large as well as small hands. SPECIFICATIONS:
Caliber: .38 Special (using in the same arm .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 Colt Special Hi-Speed; .38 S. & W. Special (full and mid-range loads); .38 S. & W. Special High Velocity; .38-44 S. & W. Special Hi-Speed.
Length of Barrel: 6 inches.
Length Overall: 11¼ inches.
Stocks: Selected Checked Walnut Rounded Butt.
Trigger: Checked.
Barrel: Super-precisioned. Tapered to insure perfect balance.
Sights: 'Partridge' regular furnished, or 'Bead,' both non-reflecting; Front sight adjustable for elevation; Rear sight adjustable for windage.
Finish: Full Blued, top and back of frame stippled to eliminate reflection and glare.
Action: Velvet - smooth hand finished target action.
Weight: 44 ounces.
Extra for Pearl Stocks ..... **Per Pair, $13.00**

NEW SERVICE TARGET Double Action Revolver, $50.00

JOINTLESS SOLID FRAME
Simultaneous Ejection
For the Following Cartridges:
.44 Russian and .44 S. & W. **Special.**
.45 Eley. (The English Service Cartridge.) **.45 Colt.**
Action: Hand finished and without equal for smoothness and excellence of pull.
Sights: Either "Bead" or "Partridge" style as desired. Front Sight adjustable for elevation; Rear Sight adjustable for windage. **Six Shots.**
Length of Barrel: 7½ inches.
Finish: Full Blued. Checked Walnut Stocks. Checked Trigger. Checked Straps.
Weight: (45 Caliber) 45 ounces.
Length Over All: 12¾ inches.
Extra for Pearl Stocks ..... **Per Pair, $13.00**

NEW SERVICE DOUBLE ACTION REVOLVER $34.00

JOINTLESS
SOLID FRAME
Simultaneous Ejection
Caliber: .38 Special (using in the same arm .38 Short Colt; .38 Long Colt; .38 Colt Special; .38 Colt Special Hi-Speed; .38 S. & W. Special (full and mid-range loads); .38 S. & W. Special High Velocity: 38-44 S. & W. Special Hi-Speed). **For the Following Cartridges:**
.38-40 (.38 Winchester.) **.44-40** (.44 Winchester.)
.44 Russian and .44 S. & W. Special.
.45 Colt, Weight 39 ounces. **.455 Eley.** (The English Service Cartridge.) **Six Shots. Length Over All:** With 4½-inch barrel 9¾ inches. **Lengths of Barrel:** 4½, 5½ and 7½ inches (.38 Caliber 6 inch barrel only). **Finish:** Full Blued or Full Nickel Stocks. Checked Trigger. In .38 Caliber fitted with rounded but and tapered barrel. **Weight:** With 4½-inch barrel (.45 Caliber) 39 ounces.
Extra for Pearl Stocks ..... **Per Pair, $10.00**

Hämmerli Walther "Olympia" Quick Fire Pistol

cal. 22 short or long rifle for automatic arms

STANDARD MODEL
(Including Removable Weights as Illustrated)
$225.00

STANDARD MODEL
(But with 9½" Barrel—Not Illustrated)
$240.00

Before the war the most outstanding .22 automatic target pistol was unquestionably the Walther Olympia, which, in the 1936 Olympics took all first five places—a most spectacular performance. The Walther factory suffered little damage during the war but was subsequently completely demolished. The Walther brothers fled to the American zone of occupation.

Today, under the personal supervision of Carl Walther, this famous arm is again being produced in Switzerland by "Hammerli" whose reputation as the manufacturer of the world's finest target arms assures the shooter that his replica is in every way equal if not superior to the original.

Almost every international quick fire competition was formerly won by this pistol which is perfect in construction, performance and elegance. The weapon fits the hand like a glove, thanks to the well formed and highly finished handle and its broad thumb rest and sharply cut checkering.

The broad, grooved trigger, which is specially constructed for quick firing distinguishes itself by a short pull and soft action (without trigger slack). The front sight can be slightly adjusted from above and the rear sight from the side. A reliable revolving safety catch helps prevent accidents.

Three (3) adjustable interchangeable weights of different size enable the marksman to select the weight of his choice. By and due to the breech of light metal the recoil can be so diminished that it is hardly felt. The practically shock-free and lightning quick discharge of the shot assures outstanding results even when rapid firing and progressing from target to target.

The Olympia Quick Fire Pistol can be taken apart without tools for cleaning within a few seconds and can be reassembled just as easily.

NOTE: While this pistol may be had chambered either for the short or long rifle cartridge we do not recommend the short because it requires special .22 Short match ammunition to assure perfect functioning. Such ammunition is not made in the United States nor is it being imported.

TECHNICAL DATA

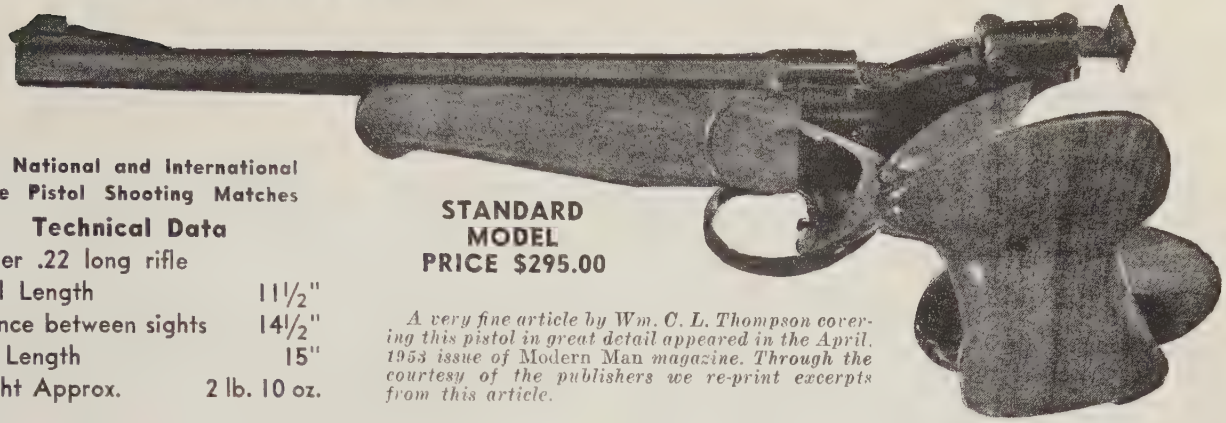
	CAL. .22 SHORT	CAL. .22 LONG RIFLE
Weight Approx.	27¾ oz.	30 oz.
Overall length	10¾"	10¾"
Length of barrel	7½"	7½"
Sighting radius	9¼"	9¼"
Height of pistol	4⅞"	4⅞"
Diameter of pistol	1¾"	1¾"
Magazine capacity	6	10
Three interchangeable weights, total weight approx.	24¾ oz.	24¾ oz.
Muzzle brake	1⅝"	1⅝"

STANDARD MODEL
(With Special Adjustable Grip and 9½" Barrel)
$295.00

NEW FEATURES! (*for all models*) . . . **Special adjustable trigger** which serves to lighten the trigger weight, to shorten the pull, and to increase the rapidity of fire. **Muzzle Brake** which serves to reduce upward thrust of the muzzle thus greatly increasing accuracy in rapid fire.

This page reproduced from Stoeger Catalog Edition No. 45, 1954.

Hämmerli .22 CALIBER MATCH PISTOLS



For National and International Free Pistol Shooting Matches

Technical Data

Caliber .22 long rifle	
Barrel Length	11½"
Distance between sights	14½"
Total Length	15"
Weight Approx.	2 lb. 10 oz.

STANDARD MODEL PRICE $295.00

A very fine article by Wm. C. L. Thompson covering this pistol in great detail appeared in the April, 1953 issue of Modern Man *magazine. Through the courtesy of the publishers we re-print excerpts from this article.*

This system Martini pistol is the result of much experience. The lock is very conveniently operated by a long spanning lever. Firing is greatly facilitated by the 5 lever hair trigger. Casing and loading flap are supplied with holes, whereby the barrel can be conveniently cleaned from the breech end. The barrel made of special steel guarantees a high shooting accuracy. The long sighting in a very low position reduces errors to a minimum. Weight distribution and development of the stock permit sure and calm aiming without fatigue.

The world's finest pistol is made by a little company at Lensburg, Switzerland, which manufactures only 500 of its precision guns each year. It is, of course, the Hammerli free pistol, made by Hammerli & Co., which has dominated the past two Olympics shooting matches and the recent International Matches at Oslo as well. It is used by the pistol champions of over 39 countries. This is some record for a gun that has been manufactured only since 1942.

A finished Hammerli pistol is really international in pedigree, though it is assembled in Switzerland. Its stock is Swiss walnut, its steel tempered in England, and the craftsmen who put it together are of German, Austrian, French and Swiss descent. The result of their efforts is a gun with practically a lifetime guarantee for each of its 78 separate custom-made parts.

Why is the Hammerli so good? A spokesman for Winchester once said, "No other weapon can match the Hammerli for range work." And Frank Parsons, Jr., team captain of the 1952 U. S. International and Olympic Team, lists some of the gun's advantages.

"It is the only free pistol produced in quantity which combines wonderfully fast action, long sight radius, a set trigger and accuracy of barrel. These factors," says Parsons, "make for the greatest known accuracy in a hand gun."

AMAZING GRIP AND TRIGGER

One of the gun's greatest assets is its amazing adjustable stock. The Hammerli stock helps support the hand which is aiming it because the grip fits palm and fingers perfectly. Skilled gunsmiths mold the stock to the contours of the individual owner's hand. "You don't hold a Hammerli; you wear it," say men who know shooting irons best. Furthermore, the Hammerli stock is legal, whereas some other custom-made stocks bolster the forearm above the wrist joint to a degree that the rules of sportsmanship forbid.

Another secret of Hammerli accuracy is the precision hair trigger, so sensitive that a change in atmosphere will cause it to click off. Hammerli makes the lever adjustable so that it can be carried in safety for a harder pull—or adjusted to the thin edge of nothing.

The factory will not sell a Hammerli until it scores 100 points on a target when shot from a machine rest. And the test target is delivered to the buyer along with his gun.

Harry Reeves, well-known pistol shooter, described his experiences with a free pistol in the April, 1951, issue of *The American Rifleman.* "It takes months of careful practice to master the light hold and the delicate control necessary for the set trigger," he said. "Once mastered, it is a far better way of releasing an accurate shot. As long as I kept in practice I could call my shots on that two-inch ten ring and shoot scores considerably better in average than I could with my regular .22 pistol. I found that free pistol shooting and training improved my scores with all the other handguns."

HAMMERLI SETS RECORD

In last year's Olympic matches at Helsinki the Hammerli again showed of what it was made. An American Army sergeant, Huelet L. Benner, won the difficult free pistol event for this country, defeating 48 other contestants. Benner's victory was the first time a U. S. marksman had won an Olympic free pistol competition since 1920, when Karl Frederick, a New York attorney who is now chairman of the U. S. Olympic Shooting Committee, won.

Sergeant Benner's winning score was 553 out of a possible 600. A round by round report of his performance with the Hammerli throughout a trial of six 10-shot strings was as follows: 88, 96, 94, 88, 93, 94 for a total of 553. The all-time Olympic record of 559 was fired by Ullman of Sweden at the Berlin matches in 1936—before the day of the Hammerli.

Again with his Hammerli, Sergeant Benner set a new record for an American shooter in world competition at the International Matches at Oslo in 1952. On Sunday, July 13th, in the dramatic and forested setting of Lovenskiold Range, Sergeant Benner scored 555 in the free pistol match.

The same team, incidentally, had the double assignment of trying to win both the International World Championships and the Olympics in the same month. They all used Hammerlis in both events.

The Hammerli was also a favorite with other Olympic shooters, among them the French, Russians, and Iragui. Frank Parsons, American team captain, says, "It would be accurate to call the Hammerli the most popular pistol at the 1952 free pistol event at Helsinki. It is also true that the Hammerli was the most popular pistol at the International Matches at Oslo."

Ordering a Hammerli is like getting measured for a suit. You just don't walk into a shop and buy one ready-made. They request data on the shooting habits of each client in order to mold the pistol to his grip. The buyer must report on the cartridge he uses, and draw a profile of his hand. He must also outline his pistol grip and tell whether he releases the gun with arm bent or outstretched. The result is a weapon of such perfection that it is no wonder Frank Parsons calls it the world's most accurate pistol.

MODERN MILITARY SIDEARMS

By Charles Edward Chapel

First Lieutenant, U.S. Marine Corps, Retired; Member of the Assembly, 46th District, California Legislature; Author of nine outstanding books on firearms, eight on aviation, and one on fingerprint identification.

U.S. Rifle Ammunition

The U.S. cartridge, ball, caliber .30, Model 1906, has been the cartridge used in small arms of rifle caliber, including several rifles and both light and medium-weight machine guns. In its original form, the Model 1906 included a flat-based 150-grain bullet with a velocity of 2,650 feet per second and a breech pressure of about 50,000 pounds. This load was used in World War I.

In the 1920's, the M-1 cartridge had a 172-grain bullet of a boat-tailed design and a velocity of 2,700 feet per second. Shortly before World War II, the M-2 load was issued. This had the original 150-grain, flat-based bullet, but the velocity was about 2,900 feet per second. This M-2 load was the one used in World War II. However, the original load, the M-1, and the M-2, are all referred to as caliber .30, Model 1906 cartridges.

Hunters use various loads in rifles chambered for the .30-06 cartridge, varying from a 110-grain bullet with a velocity of 3,000 feet per second to a 220-grain bullet having a velocity of about 2,500 feet per second. Regardless of bullet weight and powder load, these are all rimless cartridges that faithfully follow in their design the .30-06 military cartridge.

The U.S. Carbine

Strictly speaking, a carbine is merely a short rifle. Shortly before World War II, the Ordnance Department of the U.S. Army co-operated with the Winchester Repeating Arms Co. in developing the U.S. Carbine. Originally, it was a 15-shot, semi-automatic, gas-operated weapon, using an intermediate gas-piston action of Winchester design, and a bolt similar to the one on the Garand rifle. It fired a straight-cased, .30-caliber cartridge, loaded with a 110-grain bullet and having a muzzle velocity of about 2,000 feet per second. The weight of the carbine was less than five pounds. Incidentally, the cartridge for the Carbine is not interchangeable with the caliber .30, Model 1906 cartridge used with our rifles.

In September, 1944, an "M-2" form of the Carbine was officially adopted. This version fired either full or semi-automatic, had a 30-round magazine, and was reasonably accurate up to about 300 yards. It was issued to special troops not normally provided with rifles and to officers up to the rank of Major, as a routine issue, although officers of higher rank could carry this arm if they wished.

Do Not Say ".30-30" Unless You Mean ".30-30".

The .30-30 Winchester cartridge is a rimmed, hunting cartridge for lever-action sporting rifles brought out in the 1890's. The .30 Army cartridge, also called the .30-40 cartridge, is correctly the caliber .30, Model 1892 cartridge, which is a rimmed cartridge loaded with a 220-grain bullet and having a velocity of about 2,000 feet per second, designed for use with the Krag Rifle, carried by the U.S. Army from 1892 until the U.S. Rifle, caliber .30, Model of 1903 ("Springfield"), came into general use by our armed forces. These two cartridges are not interchangeable with the .30-06 cartridge.

The Model 1917 Rifle

U.S. Rifle, caliber .30, Model 1917, sometimes called the "Enfield" because it was an adaptation of the British 1914 Enfield made in America during World War I, is a Mauser-type, five-shot magazine rifle. It was officially obsolete long before World War II began, but was used for training some of our forces until modern arms came into general production. Today, we regard this as obsolete, but in an emergency it could be used to arm home-defense units.

The U.S. Rifle, Caliber .30, Model 1903, "Springfield"

The U.S. Rifle, Caliber .30, Model 1903, popularly called the "Springfield", because it was principally made at the U.S. Arsenal at Springfield, Massachusetts, is a Mauser-type, five-shot rifle which has been the standard rifle of all our armed forces for more than forty years. A streamlined model was known as the Model 1903A3. During World War II, it was supposed to be replaced by the Garand Rifle, but it was still the "old reliable". Snipers, especially, favored it, and they still prefer it to other types, especially when it is fitted with a telescopic sight. Today, it is far from obsolete in the minds of those who want a sturdy, dependable, accurate weapon.

The Garand

The United States Rifle, caliber .30, M-1, commonly called the "Garand", in honor of the inventor, John C. Garand, was officially adopted by the U.S. Army in 1936. It is gas-operated, semi-automatic, obtaining gas from a port (hole) near the muzzle, loaded with an eight-shot clip which is ejected when all rounds have been fired, and intended to provide about three times as much fire power as the standard bolt-operated rifle. This weapon was never intended as a hunting arm. Personally, I believe that it has limitations as a military weapon and will be supplanted eventually by a better rifle.

Johnson Arms

A Johnson semi-automatic, short-recoil rifle, using a 10-shot rotary magazine, or loaded with standard 5-shot Springfield clips, was carried by certain special troops in World War II, especially Marine Corps parachute and raider units, but is not generally considered suitable for future use in its present form.

The Johnson light machine gun was fired either from the shoulder or from a light bipod, hence it is not a side arm in the strict sense of the term, but it can be classed as a shoulder weapon and is therefore mentioned here. It weighed twelve and one-half pounds, could be fired either full automatic or semi-automatic, and was loaded from the left with a 20-shot magazine. Like the other Johnson weapon, this one is not regarded as an arm for future use. However, these Johnson arms do have novel features and it is quite possible that weapons of Johnson design may emerge as side arms of future wars.

The Submachine Gun

In Nicaragua, in 1927, I was the Reconnaissance Officer of the 77th Machine Gun Company, Second Battalion, Fifth Regiment, U.S. Marine Corps Expeditionary Force. When a peace treaty was signed between the warring native factions, I had charge of receiving weapons from the disbanded armies. In carrying out this duty, I took Thompson submachine guns from native soldiers. These were the first that I ever saw. Later, the marines were armed with this weapon for patrol duty, but it is interesting that Nicaraguan rebel troops had it before the Nicaraguan regular army and before the gun was issued to the armed forces of the United States.

The submachine gun fires the same ammunition as the U.S. Automatic Pistol, caliber .45, Model 1911 (Colt), (which, of course, is only semi-automatic, and not full automatic as the name indicates). The submachine gun weighs about ten pounds and uses various types and sizes of magazines, including the early 50-shot drum and the 20-shot and 30-shot box-type magazines. The bolt is cocked open and then the gun is fired either semi-automatic or full automatic, determined by the position of a small control lever. This gun was used in World War II for short-range, rapid fire by paratroops, raiders, rangers, commandos, and other special troops. It is by no means obsolete and can be regarded as a military sidearm of continuing value.

Harrington & Richardson Arms Company manufactured the Reising submachine gun in various models. Although most submachine guns fire from an open-bolt position, the Reising fires both full and semi-automatic from a closed bolt position. This weapon was used by United States Marines early in World War II, but it is not now regarded as a weapon for extensive use in the future.

Weight is always an important factor in designing a gun for special troops. During World War II, the Ordnance Department of the U.S. Army produced a simplified Thompson submachine gun as M-2, but before it became a production item it was supplanted by M-3, a folding model weighing about nine pounds that can be reduced to a load less than one foot long by removing the barrel and sliding inward an extension stock. It fires full automatic and was designed for dropping by parachute to "underground" forces in enemy countries, use by paratroopers, and by other services where weight is important.

Pistols

The standard pistol of all armed forces of the United States for forty years has been the U.S. Pistol, caliber .45, Model 1911, the famous Colt "Automatic". The magazine carries seven rounds but an eighth round can be loaded in addition to the magazine, hence it is properly an 8-shot weapon. Today, it is available in a light-weight model designed for use by paratroopers and other special troops. This weapon probably will be standard for years to come, in one form or another.

Revolvers

In World War I, the U.S. Revolver, caliber .45, Model 1917, was manufactured by both Colt and Smith & Wesson. It used the same cartridge as the Model 1911 Pistol, but cartridges had to be loaded in crescent-moon-shaped clips that held three cartridges each.

During World War II, the Navy and Coast Guard used revolvers made by both Colt and Smith & Wesson chambered for the .38 Special cartridge. This cartridge was available in various forms, including a tracer load that could be used for summoning help or signaling.

Conclusion

The modern trend in military sidearms is toward lighter weights and greater rapidity of fire. New rifles and pistols are being developed, particularly semi-automatic rifles, and there are experiments in the design of smaller cartridges. However, the ideal situation is one where all weapons of all allies in the same war use the same cartridges. Furthermore, when bullets are made smaller and lighter, their shocking or killing power is reduced. In a somewhat similar line of thought, if weapons are made lighter, shooters feel the recoil more and must hold more carefully to hit the target. In all scientific improvements, compromise is present.

This page reproduced form Stoeger Catalog Edition No. 43, 1952.

HIGH STANDARD AUTOMATIC PISTOLS

GENERAL SPECIFICATIONS

The High Standard .22 calibre Automatic Pistol is of modern construction and design. It has all the features desired by the target shooter and sportsman. This pistol comes now in 6 different styles giving the shooter a selection never had before. This pistol can be taken down for cleaning very easily without using any tool whatsoever. All models will take low pressure as well as all standard makes of high speed ammunition.

Manufactured by gun mechanics who have had a lifetime of experience in producing firearms. Carefully inspected and tested. Guaranteed to be reliable and accurate.

These new models are, undoubtedly, the last word in modern construction and design of a .22 automatic. Features never before given to the shooters are now available at a remarkably low price.

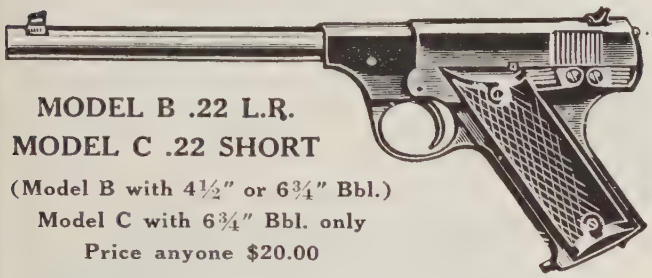
SPECIAL FEATURES OF MODELS A, D, & E

NEW LONG HANDLE

We have felt that the shooter wants more room for the grip on an automatic, and have developed a longer grip that provides more room for the hand. The grips are of walnut, nicely shaped, and finely checked.

NEW AUTOMATIC SLIDE LOCK A DOUBLE FEATURE

We have provided an automatic lock to lock the action open when the last cartridge has been fired from the magazine. This also operates as a lock on the action when the magazine is empty, and holds the slide open when the pistol is used at the target as a single shot.



MODEL B .22 L.R.
MODEL C .22 SHORT
(Model B with 4½" or 6¾" Bbl.)
Model C with 6¾" Bbl. only
Price anyone $20.00

MODEL B. Calibre .22 Long Rifle, barrel 6¾" or 4½", with fixed Patridge sights, magazine capacity 10 shot. Comes with black hard rubber grips, checkered. Comes with heavy barrel, small bore, deep rifling for extreme accuracy penetration and long wear. Weight: 31 Oz.

Model B with 6¾" barrel, cal. .22 L.R., price	**$20.00**
Model B with 4½" barrel, cal. .22 L.R., price	**20.00**
Model C with 6¾" barrel, cal. .22 short	**20.00**

MODEL A

Barrel—Small bore deep rifling for extreme accuracy, penetration, and long wear.

Sights—Patridge front with wide blade and special adjustable rear.

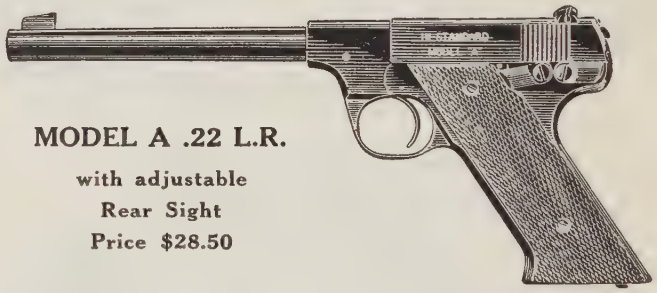
Safety—Positive.

Grips—Walnut, finely checkered.

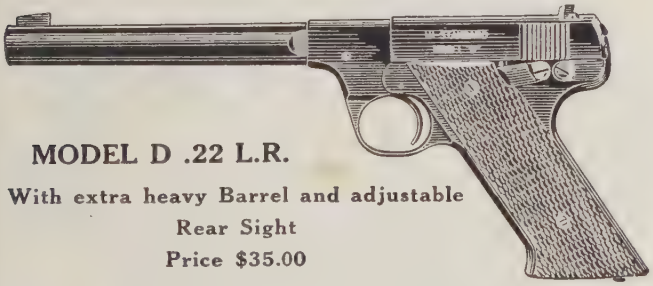
Finish—Blued.

Takedown—Slide removed without the use of any tools for inspection and cleaning of barrel from the breech end. No loose parts, pins or screws to fall out.

Weight of pistol—Model A 36 oz.



MODEL A .22 L.R.
with adjustable
Rear Sight
Price $28.50



MODEL D .22 L.R.
With extra heavy Barrel and adjustable
Rear Sight
Price $35.00

MODEL D

Barrel—Heavy barrel weighing 4 ounces more than on the model A.

Sights—Patridge front with wide blade and special adjustable rear sight.

Safety—Positive.

Grips—Walnut, finely checkered.

Finish—Blued.

Takedown—Slide removed without the use of any tools for inspection and cleaning of barrel from the breech end. No loose parts, pins or screws to fall out.

Weight of Pistol—40 oz.

MODEL E

Barrel—Extra heavy, barrel, slide and frame giving a straight line effect along the entire top of the pistol.

Sights—Patridge front with wide blade and special adjustable rear sight.

Safety—Positive.

Grips—Full walnut grips with thumb rest, finely checkered.

Finish—Blued.

Takedown—The same as model A or D.

Weight of Pistol—42 oz.

MODEL E .22 L.R.
with extra heavy Bbl.
and Target Grips with
Thumb Rest
Price $40.00

This page reproduced from Stoeger Catalog Edition No. 32, 1940.

Harrington & Richardson Revolvers

H. & R. "PREMIER" DOUBLE ACTION

A small frame revolver with automatic shell ejector. The 22 caliber, fitted with long barrel and "Target Grip" stocks, issued extensively for target purposes. 22 caliber, 7 shots, weight 13 ounces. 22 Short, 22 Long and 22 Long Rifle rim fire cartridges. 32 caliber, 5 shots, weight 12 ozs. 32 S. & W. cartridge. Nickel or Blue finish.

2 or 3 inch Barrel ..... **$10.50** 5 inch Barrel **$11.25**
4 inch Barrel ..... **11.00** 6 inch Barrel **$11.50**

Extra for Pearl Stocks, per pair, **$2.00**

H. & R. "AUTOMATIC EJECTING" DOUBLE ACTION

A reliable and smooth working revolver for general service and protective purposes. A standard pattern for twenty-five years. 32 caliber, 6 shots, weight 16 ozs. 32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridges. 38 caliber, 5 shots, weight 15 ozs. 38 S. & W. and 38 Colt New Police cartridges. Nickel or Blue finish.

3¼ inch Barrel **$10.50** 5 inch Barrel **$11.25**
3 inch Barrel **$11.00** 6 inch Barrel **$11.50**

Extra for Pearl Stocks, per pair, **$2.00**

H. & R. HAMMERLESS

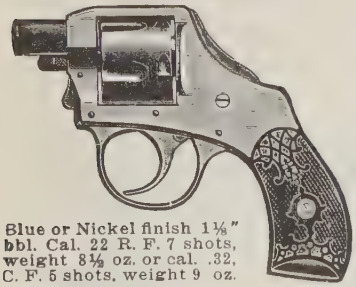
Absolutely safe, reliable and effective. Can be fired only by pulling the trigger. Automatic shell ejector and independent cylinder stop, SMALL FRAME. 22 caliber, 7 shots, weight 13 ozs. 22 short, 22 long and 22 long rifle rim fire cartridges. 32 caliber, 5 shots, weight 13 ozs., 32 S. &. W. cartridge. LARGE FRAME. 32 caliber, 6 shots, weight 18 ozs. 32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridges. Nickel or Blue finish

3¼ inch Barrel **$11.50**
4 inch Barrel **12.00**
5 inch Barrel **12.25**
6 inch Barrel **12.50**

Extra for Pearl Stocks, per pair, **$2.00**

Large Frame also .38 calibers, 5 shots. Weight 17 ozs., 38 S. & W. and .38 Colt New Polite Cartridges.

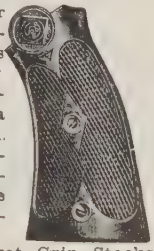
H. & R. "VEST POCKET"



Blue or Nickel finish 1⅛" bbl. Cal. 22 R. F. 7 shots, weight 8½ oz. or cal. .32, C. F. 5 shots, weight 9 oz.

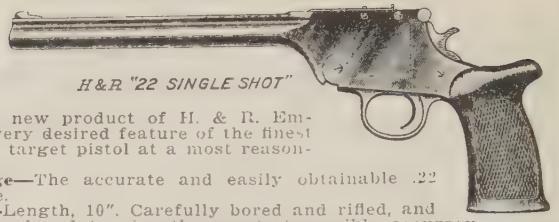
Price **$5.75**
Pearl Stocks, Extra **2.00**
Loading Gate, Extra **50c**

"TARGET GRIP" STOCKS



Furnished for all H. & R. revolvers transforming a pocket revolver into a target pistol. When ordering separately specify the style of revolver.

Rubber Target Grip Stocks (separately or attached).
Per Pair **$1.06**
Checked Walnut Grip Stocks (separately or attached).
Per Pair **$1.00**



H&R "22 SINGLE SHOT"

A brand new product of H. & R. Embodying every desired feature of the finest match and target pistol at a most reasonable price.

Cartridge—The accurate and easily obtainable .22 Long Rifle.

Barrel—Length, 10". Carefully bored and rifled, and closely chambered to give the greatest possible accuracy.

Length Overall—13¼ inches.

Weight—28 Ounces.

Sights—Square or "Patridge" type front sight with corresponding square notch in rear sight. Rear sight adjustable for both elevation and windage with screw adjustments. Sighting radius, or distance between sights, 9 inches.

Action—Coil or spiral springs throughout, reducing liability of breakage. Lock mechanism designed and fitted to give a clean, crisp trigger pull. The trigger pull is moderately light and capable of further reduction if desired. The trigger is grooved to prevent finger slipping.

Ejector—An automatic ejector throws the empty shell clear of the pistol. This eliminates one operation in the firing process and avoids handling the dirty and greasy empty shells.

Finish—Full Blued. Checked Walnut Target Grip Stocks. The design of these stocks affords a superior grip and insures the same position of the hand with every shot.

Price **$25.00**

H. & R. "TRAPPER MODEL"

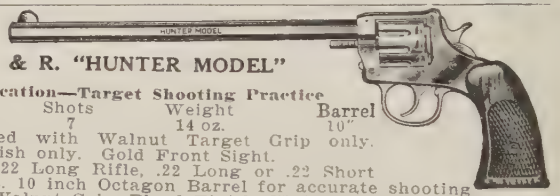
For Trappers and Campers

Cal.	Shots	Weight	Barrel
22 R. F.	7	12¼ oz.	6"

Shoots .22 Long Rifle, .22 Long or .22 Short Cartridges. 6 inch barrel for accurate shooting. Checked Walnut Grip. Blued finish. Weight 12¼ ounces.

Each **$8.25**

H. & R. "HUNTER MODEL"



For Vacation—Target Shooting Practice

Cal.	Shots	Weight	Barrel
22 R. F.	7	14 oz.	10"

Furnished with Walnut Target Grip only. Blued Finish only. Gold Front Sight.

Shoots .22 Long Rifle, .22 Long or .22 Short Cartridges. 10 inch Octagon Barrel for accurate shooting. Checked Walnut Grip. Blued Finish. Wght. 14 ozs. ..K**Each $9.25**

H. & R. "TARGET MODEL"

For Vacation—Target Shooting—Practice

Cal.	Shots	Weight
22 R. F.	7	16 oz.

Furnished with Walnut Target Grip only. Blued Finish only. Gold Front sight. Specification: .22 Cal. R. F. for .22 Short, .22 Long or .22 Long Rifle Cartridges. 6 inch barrel only, hingetype. Blued finish only. 7 shots. Checked walnut target grip only. Wght. 16 ounces. .....**Each $12.50**

H. & R. "22 SPECIAL" HEAVY FRAME

H. & R. "22 SPECIAL"

For Trappers and Campers

Cal.	Shots	Weight	Barrel
22 R. F.	7	23 oz	6"

Furnished with Walnut Target Grip only. Blue Finish only. Gold Front sight. Shoots .22 Short, .22 Long or .22 Long Rifle Cartridges. 6" shell ejector. Checked Walnut Grip. Gold Front barrel for accurate shooting. Hinge type; automatic sight. Blued Finish. Wght. 23 ozs. .....**Each $12.50**

.22 W. R. F. When stamped on cylinder "W. R. F." using only .22 W. R. F. model 1890 Rifle cartridge.

Harrington & Richardson Revolvers

THE NEW H. & R. EXPERT TARGET MODEL

A heavy frame target arm in .22 caliber rim fire only. Shoots .22 short, .22 long and .22 long rifle cartridges. 10 inch barrel. Hinge type: automatic shell ejector. Blued finish only. Checked walnut target grip stocks. Gold front sight, weight 28 ounces.
22 W. R. F. when stamped on cylinder "W. R. F." using only .22 W. R. F. model 1890 Rifle cartridge

Price ..... **Each $13.50**

NEW H. & R. 922 Target Model

A new 9 shot, 22 caliber target revolver at a low price. .22 caliber rim fire only. Shoots .22 short, .22 Long and .22 long rifle cartridges. 6 inch barrel. Blued finish only. Checked walnut target grip stocks. Gold front sight. Weight 21¾ ounces.

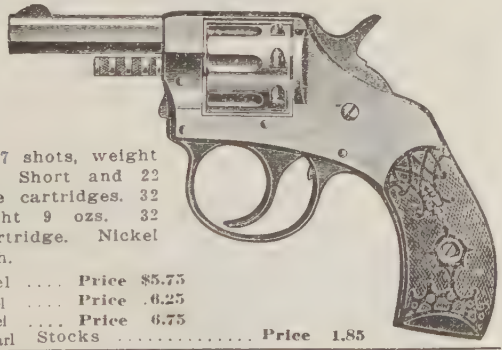
Price ..... **Each $8.25**

H. & R. MODEL 1905

32 caliber, 5 shots, weight 11 ozs. 32 S. & W. cartridge. Also supplied in rim fire for 32 Short rim fire cartridge. Nickel or Blue Finish.

2½ inch barrel ..... **Price $6.25**
4½ inch barrel ..... **Price 6.75**
6 inch barrel ..... **Price 7.25**

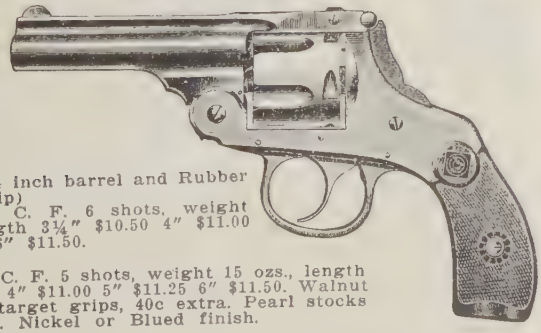
THE "YOUNG AMERICA"



32 Caliber, 7 shots, weight 8½ ozs. 22 Short and 22 Long rim fire cartridges. 32 caliber, weight 9 ozs. 32 S. & W. cartridge. Nickel or Blue finish.

2 inch barrel .... **Price $5.75**
4½ inch barrel .... **Price .6.25**
6 inch barrel .... **Price 6.75**
Extra for Pearl Stocks ..... **Price 1.85**

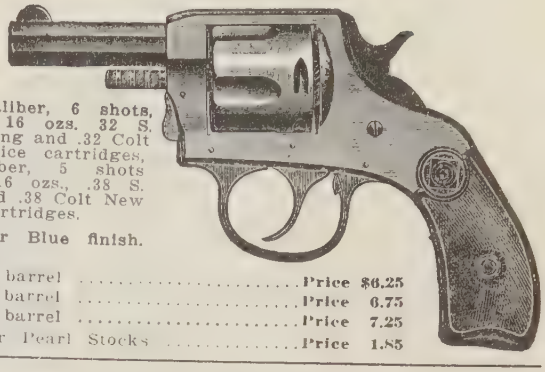
H. & R. POLICE



(Showing 4 inch barrel and Rubber Target Grip)
.32 caliber C. F. 6 shots, weight 16ozs., length 3¼" $10.50 4" $11.00 5" $11.20 6" $11.50.

.38 caliber C. F. 5 shots, weight 15 ozs., length 3¼" $10.50 4" $11.00 5" $11.25 6" $11.50. Walnut or rubber target grips, 40c extra. Pearl stocks $1.25 extra. Nickel or Blued finish.

H. & R. MODEL 1904



32 Caliber, 6 shots, weight 16 ozs. 32 S. & W. Long and .32 Colt New Police cartridges, .38 caliber, 5 shots weight 16 ozs., .38 S. & W. and .38 Colt New Police cartridges.
Nickel or Blue finish.

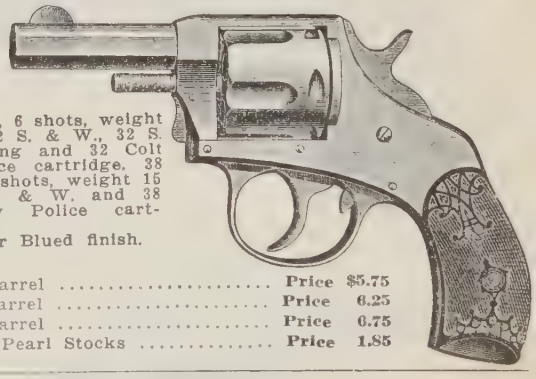
2½ inch barrel ..... **Price $6.25**
4½ inch barrel ..... **Price 6.75**
6 inch barrel ..... **Price 7.25**
Extra for Pearl Stocks ..... **Price 1.85**

H. & R. MODEL 1906

.22 caliber, 7 shots, weight 10 ozs. .22 Short, .22 Long and .22 Long Rifle cartridges. Finish Nickel or Blue.

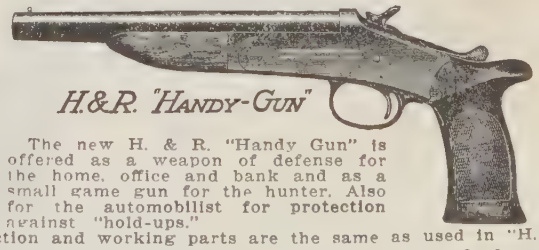
2½ inch barrel ..... **Price $6.25**
4½ inch barrel ..... **Price 6.75**
6 inch barrel ..... **Price 7.25**
Extra for Pearl Stocks ..... **Price 1.85**

THE AMERICAN DOUBLE ACTION



32 Caliber, 6 shots, weight 16 ozs. .32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridge. 38 caliber, 5 shots, weight 15 ozs. 38 S. & W. and 38 Colt New Police cartridges.
Nickel or Blued finish.

2½ inch barrel ..... **Price $5.75**
4½ inch barrel ..... **Price 6.25**
6 inch barrel ..... **Price 6.75**
Extra for Pearl Stocks ..... **Price 1.85**



The new H. & R. "Handy Gun" is offered as a weapon of defense for the home, office and bank and as a small game gun for the hunter. Also for the automobilist for protection against "hold-ups."

The action and working parts are the same as used in "H. & R." Single Guns, noted for reliability, and will stand abuse that would put a revolver or automatic pistol our of commission.

SPECIFICATIONS: 28 Gauge, Steel Barrel, 8 and 12¼ in., Weight, with 8 inch barrel, 33 oz. 410 Gauge, Steel Barrel, 8 and 12¼ inch. Weight, with 8 inch barrel, 37 ozs.

Price **$12.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

HARRINGTON & RICHARDSON ARMS CO. REVOLVERS

THE AMERICAN DOUBLE ACTION

32 Caliber, 6 shots, weight 16 ozs. .32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridge. 38 caliber, 5 shots, weight 15 ozs. 38 S. & W. and 38 Colt New Police cartridges.

Nickel or Blued finish.

2½ inch barrel	Price,	$5.50
4½ inch barrel	Price,	6.00
6 inch barrel	Price,	6.50
Extra for Pearl Stocks	Price,	1.85

THE "YOUNG AMERICA"

22 Caliber, 7 shots, weight 8½ ozs. 22 Short and 22 Long rim fire cartridges. 32 caliber, weight 9 ozs. 32 S. & W. cartridge. Nickel or Blue finish.

2 inch barrel	Price	$5.50
4½ inch barrel	Price,	6.00
6 inch barrel	Price,	6.50
Extra for Pearl Stocks	Price,	1.85

H. & R. MODEL 1904

32 Caliber, 6 shots, weight 16 ozs. 32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridges, 38 caliber, 5 shots, weight 16 ozs. 38 S. & W. and 38 Colt New Police cartridges. Nickel or Blue finish.

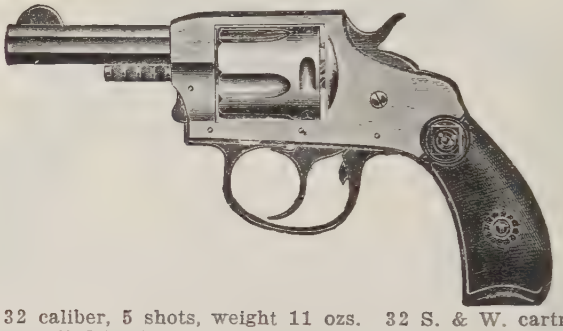
2½ inch barrel	Price,	$6.25
4½ inch barrel	Price,	6.75
6 inch barrel	Price,	7.25
Extra for Pearl Stocks	Price,	1.85

H. & R. MODEL 1906

32 caliber, 7 shots, weight 10 ozs. .22 Short, 22 Long and 22 Long Rifle cartridges. Finish Nickel or Blue.

2½ inch barrel	Price,	$6.25
4½ inch barrel	Price,	6.75
6 inch barrel	Price,	7.25
Extra for Pearl Stocks	Price,	1.85

H. & R. MODEL 1905



32 caliber, 5 shots, weight 11 ozs. 32 S. & W. cartridge. Also supplied in rim fire for 32 Short rim fire cartridge. Nickel or Blue Finish.

2½ inch barrel	Price,	$6.25
4½ inch barrel	Price,	6.75
6 inch barrel	Price,	7.25
Extra for Pearl Stocks	Price,	1.85

"TARGET GRIP" STOCKS

These stocks can be furnished for all H. & R. revolvers. By removing the regular stocks and replacing a "Target Grip", anyone can transform a pocket revolver into a target pistol at small outlay of time and money. When ordering separately be sure to specify the style or name of revolver you wish fitted with "Target Grip."

Rubber Target Grip Stocks (separately or attached) ..... Per Pair $1.00

Checked Walnut Target Grip Stocks, (separately or attached) ..... Per Pair $1.00

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

HARRINGTON & RICHARDSON ARMS CO. REVOLVERS

H. & R. "PREMIER" DOUBLE ACTION

A small frame revolver with automatic shell ejector. The 22 caliber, fitted with long barrel and "Target Grip" stocks, issued extensively for target purposes. 22 caliber, 7 shots, weight 13 ozs. 22 Short, 22 Long and 22 Long Rifle rim fire cartridges. 32 caliber, 5 shots, weight 12 ozs. 32 S. & W. cartridge. Nickel or Blue finish.

2 or 3 inch Barrel	$11.00
4 inch Barrel	11.50
5 inch Barrel	12.00
6 inch Barrel	12.50

Extra for Pearl Stocks, per pair, **$2.00**

H. & R. "AUTOMATIC EJECTING' DOUBLE ACTION

A reliable and smooth working revolver for general service and protective purposes. A standard pattern for twenty-five years. 32 caliber, 6 shots, weight 16 ozs. 32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridges. 38 caliber, 5 shots, weight 15 ozs. 38 S. & W. and 38 Colt New Police cartridges. Nickel or Blue finish.

3¼ inch Barrel	$11.00
4 inch Barrel	11.50
5 inch Barrel	12.00
6 inch Barrel	12.50

Extra for Pearl Stocks, per pair, **$2.00**

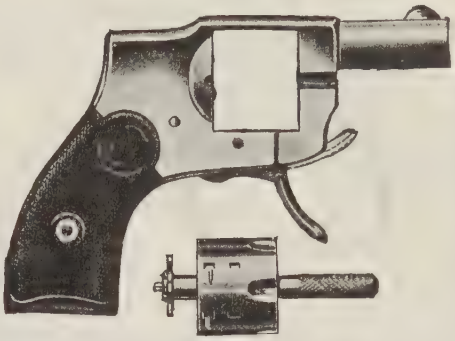
H. & R. HAMMERLESS

Absolutely safe, reliable and effective. Can be fired only by pulling the trigger. Automatic shell ejector and independent cylinder stop. SMALL FRAME. 22 caliber, 7 shots, weight 13 oz. 22 Short, 22 long and 22 Long Rifle rim fire cartridges. 32 caliber, 5 shots, weight 13 ozs. 32 S. & W. cartridge. LARGE FRAME. 32 caliber, 6 shots, weight 18 ozs. 32 S. & W., .32 S. & W. Long and .32 Colt New Police cartridges. 38 caliber, 5 shots, weight 17 ozs. 38 S. & W. and 38 Colt New Police cartridges. Nickel or Blue finish.

2 or 3 inch Barrel (Small frame)	$12.00
3¼ inch Barrel (Large frame)	12.00
4 inch Barrel	12.50
5 inch Barrel	13.00
6 inch Barrel	13.50

Extra for Pearl Stocks, per pair, **$2.00**

"BABY" HAMMERLESS 22 CALIBER EJECTOR REVOLVER



This new model 22 caliber ejector is the simplest possible method of removing the shells from the cylinder and still retain the strength of the solid frame with all the conveniences of the swing out, without their disadvantages.

To remove cylinder, pull forward and sideways on base pin, which brings cylinder clear of frame, ejecting empty shell at the same time.

To replace cylinder, simply lay on frame and push into place.

SPECIFICATIONS: Length over all, 4 inches. Weight, 6 oz. Hammerless, folding trigger; interchangeable parts, new one-piece main and trigger spring. Nickeled or Blue Finish. Rubber Stocks. Fully Guaranteed.

Price $6.00 Extra for Pearl Stocks, per pair **$1.50**

MODEL 95 DOUBLE DERRINGER

Chambered only for .41 Caliber Rim Fire Cartridges

SPECIFICATIONS: Two barrels, each carefully chambered and rifled, takes .41 caliber short rim fire cartridges, checkered rubber stock, blued finish. Weight, 11 ounces.

Price ..... **Each $11.65**

Extra for Pearl Stocks, per pair **$2.25**

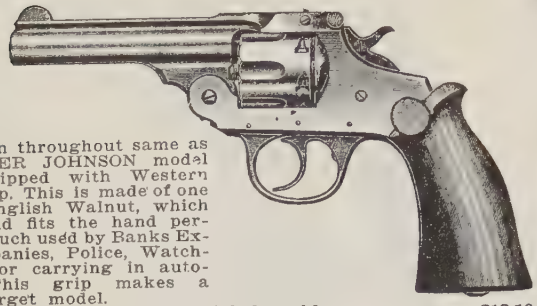
The new H. & R. "Handy Gun" is offered as a weapon of defence for the home, office and bank and as a small game gun for the hunter. Also for the automobilist for protection against "hold-ups."

The action and working parts are the same as used in "H. & R." Single Guns, noted for reliability, and will stand abuse that would put a revolver or automatic pistol out of commission.

SPECIFICATIONS: 20 Gauge, Steel Barrel, 8 and 12¼ in. Weight, with 8 inch barrel, 33 oz. 410 Gauge, Steel Barrel, 8 and 12¼ inch. Weight, with 8 inch barrel, 37 ozs.

Iver Johnson Revolvers

HAMMER MODEL WITH WALNUT GRIP

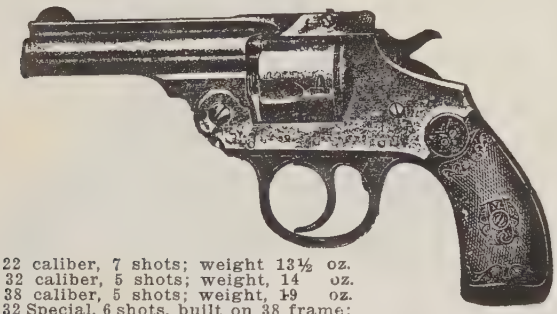


Construction throughout same as regular IVER JOHNSON model except equipped with Western Walnut Grip. This is made of one piece of English Walnut, which is large and fits the hand perfectly. Is much used by Banks Express Companies, Police, Watchmen and for carrying in automobiles. This grip makes a splendid target model.

22 or 32 caliber, 3-inch barrel, nickel or blue.....**$13.10**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue..... **13.10**
22, 32, 38 or 32 Special, 4inch barrel, nickel or blue..... **13.60**
22, 32, 38 or 32 Special, 5inch barrel, nickel or blue..... **14.10**
22, 32, 38 or 32 Special, 6inch barrel, nickel or blue..... **14.60**

NOTE.—2" barrels furnished in any of the above, same price as 3 and 3¼ inch. The 32 Special comes in 6 shots, same as above.

HAMMER MODEL

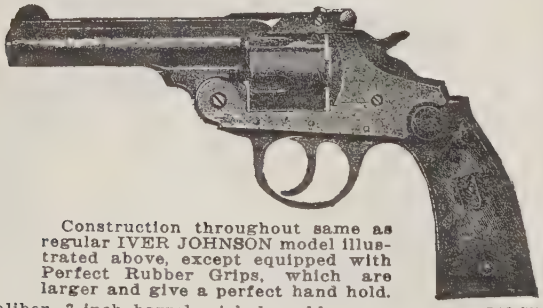


22 caliber, 7 shots; weight 13½ oz.
32 caliber, 5 shots; weight, 14 oz.
38 caliber, 5 shots; weight, 19 oz.
32 Special, 6 shots, built on 38 frame; weight, 19 oz.

22 or 32 caliber, 3-inhc barrel, nickel or blue.....**$12.00**
32 Special or 38 celiber, 3¼-inch barrel, nickel or blue.... **12.00**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue..... **12.50**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue..... **13.00**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue..... **13.50**
Extra for Pearl Stocks, 22 and 32 caliber.....**Per Pair 2.00**

NOTE.—2" barrels furnished in any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots and shoots 32 S. & W., 32 S. & W. Long and 32 Colt New Police cartridges.

HAMMER MODEL WITH PERFECT GRIP



Construction throughout same as regular IVER JOHNSON model illustrated above, except equipped with Perfect Rubber Grips, which are larger and give a perfect hand hold.

22 or 32 caliber, 3-inch barrel, nickel or blue.....**$12.85**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue..... **12.85**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue..... **13.35**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue..... **13.85**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue..... **14.35**

NOTE.—2" barrels furnished in any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots, same as above.

IVER JOHNSON .22 SUPERSHOT—EXTRA HEAVY FRAME

Has all the Iver Johnson features, including the "Hammer the Hammer" Safety. It is especially designed for target practice and vacation sports. Also popular with hunters and trappers. Takes the 22 short, long and long rifle cartridges. The shells are auto-guaranteed. **Specifications**—22 rim fire, 7 shots. Barrel 6" long. Finish blued, with gold sight and lettering. Price with western walnut grip, hand checkered. **$12.50**

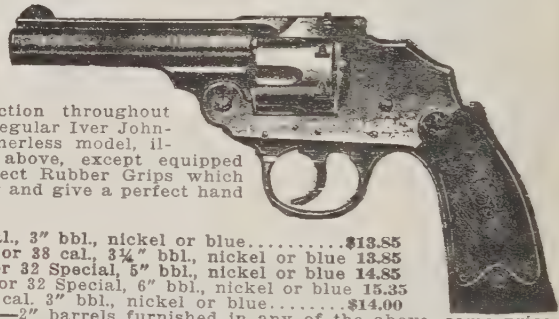
HAMMERLESS MODEL

22 caliber, 7 shots; weight 13½ oz.
32 caliber, 5 shots; weight, 14 oz.
38 caliber, 5 shots; weight, 19 oz.
32 Special, 6 shots; built on 38 frame; weight, 19½ oz.

22 or 32 caliber, 3-inch barrel, nickel or blue **$13.00**
32 Special or 38 caliber, 3¼-inch barrel nickel or blue **13.00**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue.....**$13.50**
22, 32, 38 or 32 Special, nickel or blue..... **14.00**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue..... **14.50**
Extra for Pearl Stocks, 22 and 32 caliber.....**Per Pair 2.00**

NOTE.—2" barrels furnished in any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots, and shoots 32 S. & W., 32 S. & W. Long and Colt New Police cartridges.

HAMMERLESS MODEL WITH PERFECT GRIP



Construction throughout same as regular Iver Johnson hammerless model, illustrated above, except equipped with Perfect Rubber Grips which are larger and give a perfect hand hold.

22 or 32 cal., 3" bbl., nickel or blue.....**$13.85**
32 Special or 38 cal., 3¼" bbl., nickel or blue **13.85**
22, 32, 38 or 32 Special, 5" bbl., nickel or blue **14.85**
22, 32, 38 or 32 Special, 6" bbl., nickel or blue **15.35**
22 or 32 cal. 3" bbl., nickel or blue.....**$14.00**

NOTE.—2" barrels furnished in any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots, same as above.

HAMMERLESS MODEL WITH WALNUT GRIP

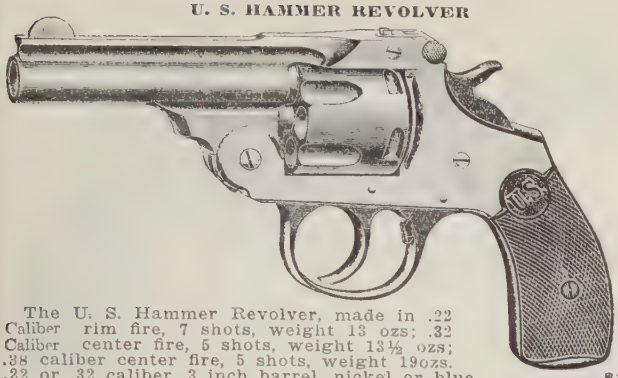
Construction throughout same as regular Iver Johnson Hammerless model, except equipped with Western Walnut Grip. This is made of one piece of English Walnut, which is large and fits the hand perfectly. Is much used by banks, express companies, police, watchmen, and for carrying in automobiles. This grip makes a splendid target model.

22 or 32 cal. 3/ bbl., nickel or blue.....**$14.00**
32 Special or 38 cal, 3¼" bbl., nickle or blue **14.10**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue.....**$14.60**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue..... **15.10**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue..... **15.60**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots, same as above.

U. S. & I. J. Revolvers

U. S. HAMMER REVOLVER



The U. S. Hammer Revolver, made in .22 Caliber rim fire, 7 shots, weight 13 ozs; .32 Caliber center fire, 5 shots, weight 13½ ozs; .38 caliber center fire, 5 shots, weight 19ozs.

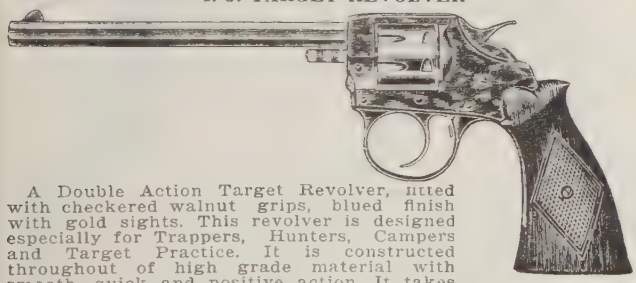
.22 or .32 caliber, 3 inch barrel, nickel or blue	$10.00
.38 caliber, 3¼ inch barrel, nickel or blue	10.00
.22 or .32 caliber, 5 inch barrel, nickel or blue	11.00
.38 caliber, 5 inch barrel, nickel or blue	11.00

U. S. HAMMER WITH RANGE GRIPS

The U. S. Hammer Model fitted with large Range Rubber Grips. Made in .22, .32 and .38 calibers. .22 or .32 caliber, 3 inch barrel, nickel or blue. **$10.85.** .38 caliber, 3¼ inch barrel, nickel or blue. **$10.85.**

.22 or .32 caliber, 5 inch barrel, nickel or blue	$11.85
.38 caliber, 5 inch barrel, nickel or blue	11.85

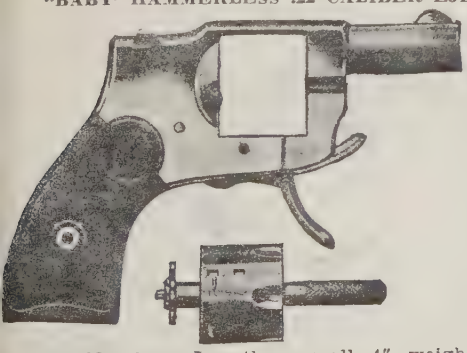
I. J. TARGET REVOLVER



A Double Action Target Revolver, fitted with checkered walnut grips, blued finish with gold sights. This revolver is designed especially for Trappers, Hunters, Campers and Target Practice. It is constructed throughout of high grade material with smooth, quick and positive action. It takes the .22 short, long and long rifle cartridges

.22 caliber, rim fire, 7 shots, 6 inch barrel	$7.85
.22 caliber, rim fire, 7 shots, 9½ inch barrel,	8.50

"BABY' HAMMERLESS .22 CALIBER EJECTOR REVOLVER



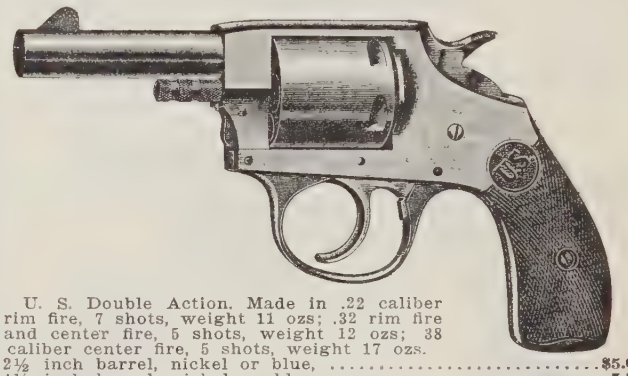
This new model 22 caliber ejector is the simplest possible method of removing the shells from the cylinder and still retain the strength of the solid frame with all the conveniences of the swing out, without their disadvantages. To remove cylinder pull forward and sideways on base pin, which brings cylinder clear of frame, ejecting empty shell at the same time. To replace cylinder, simply lay on frame and push into place.

Specifications: Length over all, 4", weight 6 ozs, Hammerless, folding trigger interchangeable parts, new one-piece main and trigger spring. Nickeled or Blue Finish. Rubber stocks. Fully Guaranteed. **Price $6.00 Extra for Pearl Stocks, per pair $1.50**

U. S. HAMMERLESS REVOLVER

.32 caliber, 3 inch barrel, nickel or blue	$11.00
.38 caliber, 3¼ inch barrel, nickel or blue	11.00
.32 caliber, 5 inch barrel, nickel or blue	12.00
.38 caliber, 5 inch barrel, nickel or blue	12.00
Extra for range grips ..... Per Pair,	.85

U. S. SOLID FRAME REVOLVER



U. S. Double Action. Made in .22 caliber rim fire, 7 shots, weight 11 ozs; .32 rim fire and center fire, 5 shots, weight 12 ozs; 38 caliber center fire, 5 shots, weight 17 ozs.

2½ inch barrel, nickel or blue,	$5.00
4½ inch barrel, nickel or blue	5.50
Extra for Range Grips, all calibers ..... Per Pair	.85

I. J. MODEL 1900 REVOLVER

I. J. Model 1900 Double Action .22 caliber, 7 shots, weight 10½ ozs, .32 caliber rim fire, 5 shots; .32 caliber center fire S. & W. 5 shots, or 6 shots for .32 long, weight 12 ozs, .38 caliber, 5 shots, weight 17 ozs.

.22, .32 or 38 caliber, 2½" octagon barrel, nickel or blue	$6.85
.22, .32 or .38 caliber, 4½" octagon barrel, nickel or blue	7.35
.22, .32 or .38 caliber, 6" octagon barrel, nickel or blue	7.85
Extra for Perfect Grips, all calibers ..... Per Pair	.85

THE REMINGTON DOUBLE DERRINGER

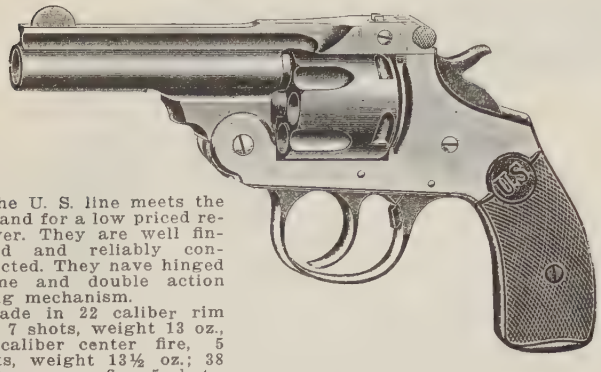
2 shots, .41 caliber rim fire; weight, 11 ounces.

Compact and Reliable.

Blued, each **$11.50 net**

U. S. REVOLVERS

U. S. HAMMER REVOLVER

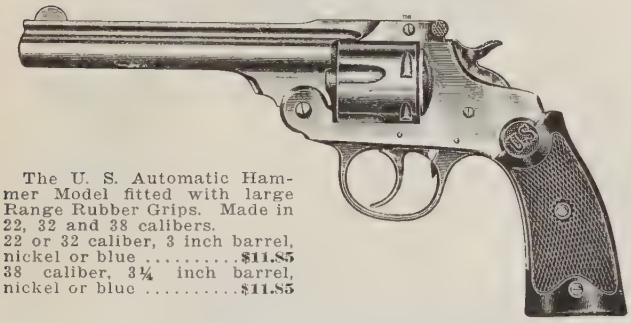


The U. S. line meets the demand for a low priced revolver. They are well finished and reliably constructed. They nave hinged frame and double action firing mechanism.

Made in 22 caliber rim fire, 7 shots, weight 13 oz., 32 caliber center fire, 5 shots, weight 13½ oz.; 38 caliber center fire, 5 shots, weight 19 oz.

22 or 32 caliber, 3-inch barrel, nickel or blue	$11.00
38 caliber, 3¼-inch barrel, nickel or blue	11.00
22 or 32 caliber, 5-inch barrel, nickel or blue	12.00
38 caliber, 5-inch barrel, nickel or blue	12.00
Extra for Pearl Stocks ..... Per Pair,	2.00

U. S. HAMMER MODEL RANGE GRIPS



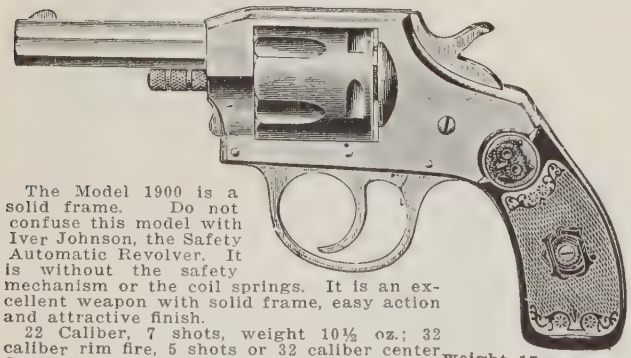
The U. S. Automatic Hammer Model fitted with large Range Rubber Grips. Made in 22, 32 and 38 calibers.

22 or 32 caliber, 3 inch barrel, nickel or blue $11.85

38 caliber, 3¼ inch barrel, nickel or blue $11.85

22 or 32 caliber, 5-inch barrel, nickel or blue	$12.85
38 caliber, 5-inch barrel, nickel or blue	12.85

I. J. MODEL 1900 DOUBLE ACTION



The Model 1900 is a solid frame. Do not confuse this model with Iver Johnson, the Safety Automatic Revolver. It is without the safety mechanism or the coil springs. It is an excellent weapon with solid frame, easy action and attractive finish.

22 Caliber, 7 shots, weight 10½ oz.; 32 caliber rim fire, 5 shots or 32 caliber center fire, 5 shots, weight 12 oz.; 38 caliber, 5 shots, weight 17 oz.

22, 32 or 38 caliber, 2½-inch octagon barrel, nickel or blue	$7.00
22, 32 or 38 caliber, 4½-inch octagon barrel, nickel or blue	7.50
22, 32 or 38 caliber, 6-inch octagon barrel, nickel or blue	8.00
Extra for Pearl Stocks ..... Per Pair	1.85
Extra for Perfect Grips, all calibers	.85
Extra for Loading Gate	.60

U. S. HAMMERLESS REVOLVER

The U. S. Hammerless Model is a low-priced revolver, which is absolutely reliable, well finished and accurate shooting. Has a hinged frame. Made in 32 and 38 caliber only.

32 caliber, 3-inch barrel, nickel or blue	$12.00
38 caliber, 3¼-inch barrel, nickel or blue	12.00
32 caliber, 5-inch barrel, nickel or blue	13.00
38 caliber, 5-inch barrel, nickel or blue	13.00
Extra for Pearl Stocks ..... Per Pair,	2.00

U. S. HAMMERLESS MODEL RANGE GRIPS

The U. S. Automatic Hammerless Model fitted with large Range Rubber Grips. Made in 32 and 38 calibers only.

32 caliber, 3-inch barrel, nickel or blue	$12.85
38 caliber, 3¼-inch barrel, nickel or blue	12.85
32 caliber, 5-inch barrel, nickel or blue	13.85
38 caliber, 5-inch barrel, nickel or blue	13.85

U. S. DOUBLE ACTION

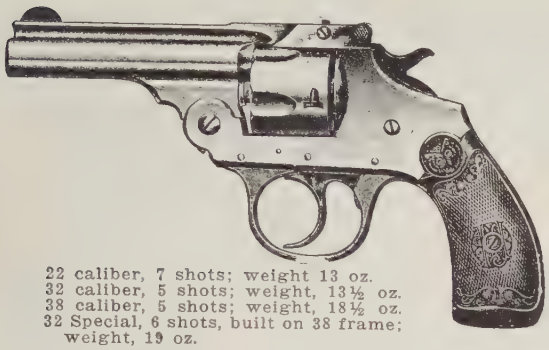
The U. S. Double Action Solid Frame has round barrel, and the cylinder is plain. Made in 22 Caliber rim fire, 7 shots, weight 11 oz.; 32 rim fire, and center fire, 5 shots, weight 12 oz.; 38 caliber center fire, 5 shots, weight 17 oz.

2½-inch barrel, nickel or blue	$6.00
4½-inch barrel, nickel or blue	6.50
Extra for Pearl Stocks ..... Per Pair,	1.85
Extra for Range Grips, all calibers ..... Per Pair,	.85

IVER JOHNSON REVOLVERS

BOTH HAMMER AND HAMMERLESS MODELS ARE EQUIPPED WITH ALL PIANO WIRE SPRINGS AND THE CELEBRATED "HAMMER THE HAMMER" SAFETY DEVICE, WHICH MAKES ACCIDENTAL DISCHARGE IMPOSSIBLE

HAMMER MODEL

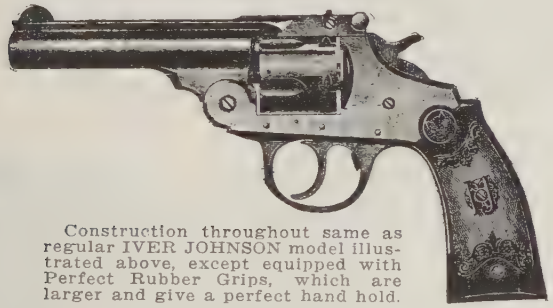


22 caliber, 7 shots; weight 13 oz.
32 caliber, 5 shots; weight, 13½ oz.
38 caliber, 5 shots; weight, 18½ oz.
32 Special, 6 shots, built on 38 frame; weight, 19 oz.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$12.50**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**12.50**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**13.00**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue	**13.50**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue	**14.00**
Extra for Pearl Stocks, 22 and 2 caliber ..... Per pair	**2.00**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

HAMMER MODEL WITH PERFECT GRIP

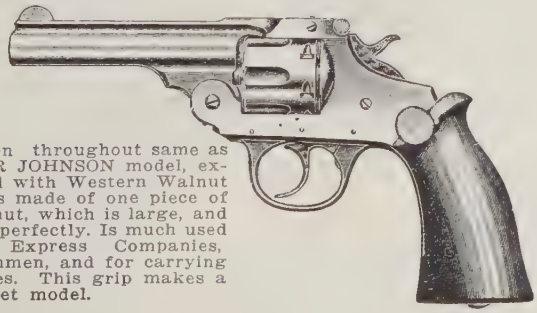


Construction throughout same as regular IVER JOHNSON model illustrated above, except equipped with Perfect Rubber Grips, which are larger and give a perfect hand hold.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$13.35**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**13.35**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**13.85**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue	**14.35**
22, 32, 38 or 32 Special, 6 inch barrel, nickel or blue	**14.85**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

HAMMER MODEL WITH WALNUT GRIP

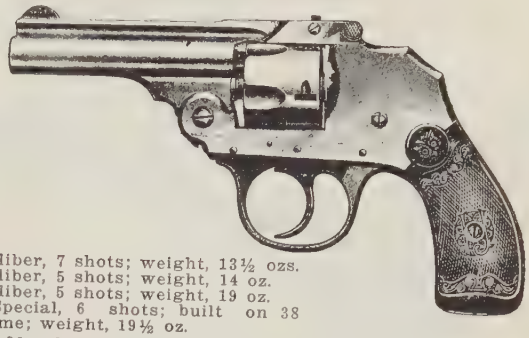


Construction throughout same as regular IVER JOHNSON model, except equipped with Western Walnut Grip. This is made of one piece of English Walnut, which is large, and fits the hand perfectly. Is much used by Banks, Express Companies, Police, Watchmen, and for carrying in automobiles. This grip makes a splendid target model.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$13.60**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**13.60**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**14.10**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue	**14.60**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue	**15.10**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

HAMMERLESS MODEL

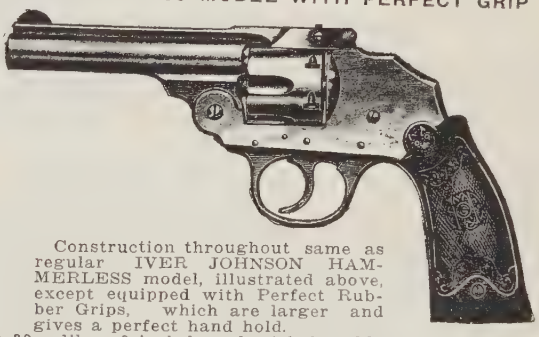


22 caliber, 7 shots; weight, 13½ ozs.
32 caliber, 5 shots; weight, 14 oz.
38 caliber, 5 shots; weight, 19 oz.
32 Special, 6 shots; built on 38 frame; weight, 19½ oz.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$13.50**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**13.50**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**14.00**
22, 32, 38 or 32 Special, nickel or blue	**14.50**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue	**15.00**
Extra for Pearl Stocks, 22 and 32 caliber ..... Per pair	**2.00**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

HAMMERLESS MODEL WITH PERFECT GRIP

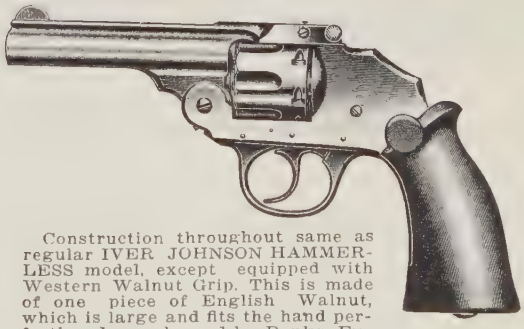


Construction throughout same as regular IVER JOHNSON HAMMERLESS model, illustrated above, except equipped with Perfect Rubber Grips, which are larger and gives a perfect hand hold.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$14.35**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**14.35**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**14.85**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue	**15.35**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue	**15.85**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

HAMMERLESS MODEL WITH WALNUT GRIP



Construction throughout same as regular IVER JOHNSON HAMMERLESS model, except equipped with Western Walnut Grip. This is made of one piece of English Walnut, which is large and fits the hand perfectly. Is much used by Banks, Express Companies, Police, Watchmen, and for carrying in automobiles. This grip makes a splendid target model.

22 or 32 caliber, 3-inch barrel, nickel or blue	**$14.60**
32 Special or 38 caliber, 3¼-inch barrel, nickel or blue	**14.60**
22, 32, 38 or 32 Special, 4-inch barrel, nickel or blue	**15.10**
22, 32, 38 or 32 Special, 5-inch barrel, nickel or blue	**15.60**
22, 32, 38 or 32 Special, 6-inch barrel, nickel or blue	**16.10**

NOTE.—2-inch barrels furnished any of the above, same price as 3 and 3¼-inch. The 32 Special comes in 6 shots.

ORIGINAL GERMAN "LUGER" (PARABELLUM) AUTOMATIC PISTOLS

.30 CALIBER (7.65 MM)—3¾ INCH BARREL—9 SHOTS

LATEST MODEL, RANGE 1800 YARDS

USED ALL OVER THE WORLD—POWERFUL, ACCURATE, SAFE

WE ARE THE SOLE AUTHORIZED IMPORTER FOR THE UNITED STATES AND CANADA OF THE GENUINE MAUSER AND LUGER ARMS AND AMMUNITION

30 Cal. 3 3-4 in. barrel.

Shoots Standard American and German Ammunition

DESCRIPTION

The Luger automatic pistol has been used all over the world since 1900 and has proved in practical use to be most reliable in every respect as an ordnance, police and sporting arm. It has been accepted as a standard military arm by Germany, Switzerland, Portugal and Bulgaria. In the United States, Brazil, Holland, Canada and Russia, large numbers have been bought for the troops. The Luger was used in very large quantities by both sides in the World War. Ask a war veteran what he thinks of a Luger. It has become a favorite with motorcycle policemen in pursuing and rounding up automobile bandits on account of its enormous penetration in sheet iron (1-3 inch), its great accuracy and long range.

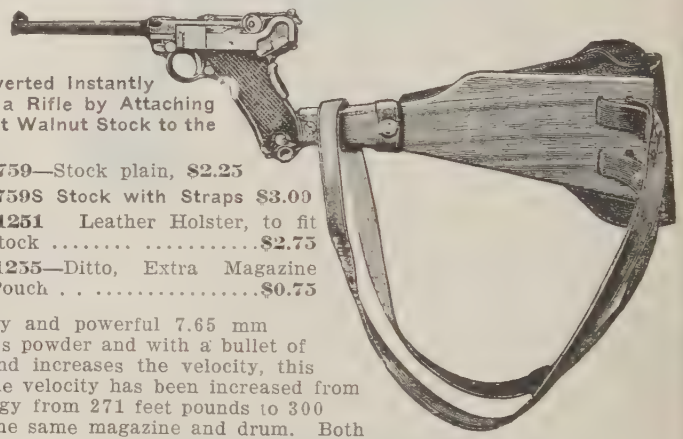
The Luger automatic pistol belongs to the recoil fire-arms with breech lock remaining fixed while the projectile passes through the barrel. In this way, no gases can escape; they maintain a uniform full pressure upon the projectile. The breech mechanism corresponds in principle to the world famous Maxim machine gun. The unique toggle joint lever mechanism provides an absolutely secure safety lock. The construction of the cartridge extractor allows the shooter to see and feel from the outside whether or not a cartridge is in the chamber—an important advantage. The magazine can be ejected by pressing a button. When the last shot has been fired, the breech remains open, showing the gun is empty.

The new models can be converted instantly into a rifle by attaching a flat wooden stock to the grip. This enables the shooter to steady his arm for long range shooting. The 9 mm models with 6 and 8 inch barrels, can be equipped with a combination leather holster stock and shoulder straps. Such an outfit is ideal for hunting, being light in weight, compact, accurate as a rifle, and with plenty of power for killing such game as deer, wolves, large snakes, bear, mountain lion, etc.

LONG BARRELS MAKING A RIFLE OF YOUR LUGER

Barrels of both 7.65 mm and 9 mm caliber pistols are interchangeable. The threads of the barrels are alike; the same receiver will take the 7.65 mm and 9 mm caliber barrels. When a 9 mm caliber barrel is used in a Luger where formerly a 7.65 mm caliber barrel was used, it will also be necessary to use a 9 mm caliber recoil spring and vice versa. We do expert repair work on Lugers and fully guarantee our work. We supply long barrels 9 mm.—6, 8, 10, and 12 inch barrels. We do not recommend 16 inch barrels as the cartridges jam in this length.

For Long Luger Barrels See Page 27



Converted Instantly into a Rifle by Attaching a Flat Walnut Stock to the Grip.

No. 759—Stock plain, **$2.25**

No. 759S Stock with Straps **$3.00**

No. 1251 Leather Holster, to fit stock **$2.75**

No. 1255—Ditto, Extra Magazine Pouch **$0.75**

IMPROVED CARTRIDGES

German ammunition companies have perfected a new speedy and powerful 7.65 mm LUGER cartridge. Loaded with 5.4 grains of Rottweiler smokeless powder and with a bullet of 92.6 grains, jacketed with an alloy which prevents metal-fouling and increases the velocity, this cartridge has attained results unexcelled by any others. The muzzle velocity has been increased from 1148 feet per second to 1208 feet per second and the muzzle energy from 271 feet pounds to 300 feet pounds. The 7.65 mm and 9 mm caliber Luger cartridges fit the same magazine and drum. Both cartridges are the same length but the difference is in the weights of the bullets and powder. The 9 mm bullet weighs 125 grains.

The point blank range of the 7.65 mm LUGER is 110 yards. The capacity of the magazine is 8 cartridges.

32 SHOT MAGAZINE DRUMS

An important feature of the LUGER pistol is that it can be converted instantly into a sub-machine gun by using a magazine holding 32 cartridges. The drum balances the pistol perfectly. The trigger must be pulled for each successive shot. When you order a drum send us your gun. The drum must be fitted to the pistol in order to correspond to the caliber. No extra charge is made for fitting. Drums can be loaded by hand, but it is advisable to use a special loading tool which can be supplied with the drum at an extra charge.

32 shot Magazine drum **$9.75**

Prices on Luger Pistols

No. 750	7.65 m/m Regulation	3¾ in. Barrel	**$32.50**	No. 755	9. m/m	6 in. Barrel	**41.50**		
No. 751	7.65 m/m	6 in. Barrel	**41.50**	No. 756	9. m/m	8 in. Barrel	**45.00**		
No. 752	7.65 m/m	8 in. Barrel	**45.00**	No. 757	9. m/m	10 in. Barrel	**46.50**		
No. 753	7.65 m/m	10 in. Barrel	**46.50**	No. 758	9. m/m	12¼ in. Barrel	**48.00**		
No. 754	7.65 m/m	12¼ in. Barrel	**48.00**						

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

GENUINE LUGER PISTOLS

AVAILABLE AGAIN FOR THE FIRST TIME SINCE 1914 IN 9 M/M

RANGE 1800 YARDS
ACCURATE—SAFE
POWERFUL

Genuine Luger 7.65 m/m With 4½" Tapered Barrel, Price $100.

LOOK FOR THE NAME "STOEGER"

The new Lugers we are now offering can be readily distinguished from the cheap post-war models by their fine finish and unmistakeable "quality" appearance. The stocks are of selected first quality grained dark walnut, finely checkered. To insure identification, all of our Lugers are stamped on the right forward side of the receiver: "A. F. Stoeger, Inc., New York." They are also plainly stamped with the American Eagle on the breech block.

AN ARM YOU WILL BE PROUD TO OWN!

Here is the real Luger—the same high-grade pistol that was turned out by the famous Luger factory before the war—an arm that is built to the highest standard in every detail! And one that you may well be proud to possess! To own a real Luger is to own an automatic that has earned a world-wide reputation for its all around shooting qualities.

Do not confuse this Luger with the rebuilt army Lugers—or with the crude models that flooded the market immediately after the war. The new Luger, as pictured above, with its long slender barrel, fine workmanship and beautiful finish, is an altogether different class from these spurious models. Even a novice could instantly perceive the difference between them.

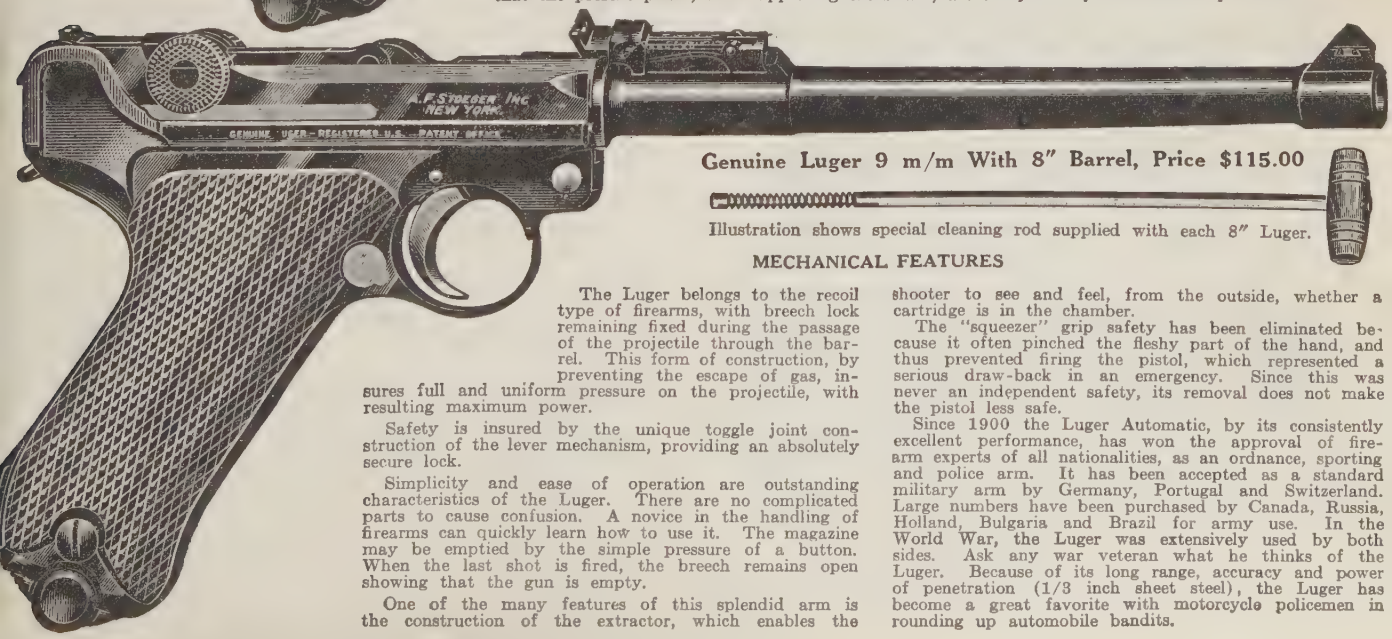
Illustration shows special tool supplied with each genuine Luger. It is used as a screwdriver for removing grip or breech block end piece and also facilitates loading of the magazine. The circular hole fits the magazine button, and the loading platform is then easily held down.

Genuine Luger 9 m/m With 4" Barrel, Price $100.

After the war, the Luger was made up only in 7.65 m/m with stubby 3⅝-inch barrel and it has only been during the last few years that, due to popular demand, the factory has again resumed the manufacture of the 4½ inch, 7.65 m/m tapered barrel, built to absolute pre-war standards. The present day Lugers are built entirely at the Mauser factory in Oberndorf, whence all the dies, jigs, and special tools were removed from the D. W. M. Arms Factory in Berlin where all genuine Lugers were made until that factory discontinued the manufacture of arms a few years ago. The Mauser Factory, affiliated with the D. W. M., manufactures the Luger to the very highest standards.

In 1934 the manufacture of the 9 m/m model, with 3⅝-inch and 8-inch barrel was resumed, and we are able to offer for the first time since 1914, the *genuine* 100 per cent factory built Luger in this caliber and lengths. New Luger pistols caliber 9 m/m hitherto offered by us have had to employ barrels made by outside German manufacturers, and while these were good, we are now discontinuing everything but 100 per cent Luger (Mauser) factory built barrels, and can thus guarantee positive full satisfaction to all purchasers of these genuine Luger pistols.

In considering the price of these Genuine Luger Pistols, it should be borne in mind that the models we offer are the only ones built to pre-war standards and specifications, and cost considerably more at the factory than before the war; they pay a duty of 55 per cent of their factory cost in addition to a special duty of $3.50 and then have to pay a U. S. excise tax of 10 per cent of their selling price. Added to this is the present low dollar value, the dollar being worth only 59 cents in Europe compared to its former purchasing power. In view of the foregoing, it can be understood that the present prices, while appearing exorbitant, are really held just as low as possible.



Genuine Luger 9 m/m With 8" Barrel, Price $115.00

Illustration shows special cleaning rod supplied with each 8" Luger.

MECHANICAL FEATURES

The Luger belongs to the recoil type of firearms, with breech lock remaining fixed during the passage of the projectile through the barrel. This form of construction, by preventing the escape of gas, insures full and uniform pressure on the projectile, with resulting maximum power.

Safety is insured by the unique toggle joint construction of the lever mechanism, providing an absolutely secure lock.

Simplicity and ease of operation are outstanding characteristics of the Luger. There are no complicated parts to cause confusion. A novice in the handling of firearms can quickly learn how to use it. The magazine may be emptied by the simple pressure of a button. When the last shot is fired, the breech remains open showing that the gun is empty.

One of the many features of this splendid arm is the construction of the extractor, which enables the shooter to see and feel, from the outside, whether a cartridge is in the chamber.

The "squeezer" grip safety has been eliminated because it often pinched the fleshy part of the hand, and thus prevented firing the pistol, which represented a serious draw-back in an emergency. Since this was never an independent safety, its removal does not make the pistol less safe.

Since 1900 the Luger Automatic, by its consistently excellent performance, has won the approval of firearm experts of all nationalities, as an ordnance, sporting and police arm. It has been accepted as a standard military arm by Germany, Portugal and Switzerland. Large numbers have been purchased by Canada, Russia, Holland, Bulgaria and Brazil for army use. In the World War, the Luger was extensively used by both sides. Ask any war veteran what he thinks of the Luger. Because of its long range, accuracy and power of penetration (1/3 inch sheet steel), the Luger has become a great favorite with motorcycle policemen in rounding up automobile bandits.

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

LUGER .22 CALIBER INSERT ASSEMBLY AND ACCESSORIES

LUGER AUTOMATIC .22 CAL. INSERT ASSEMBLY

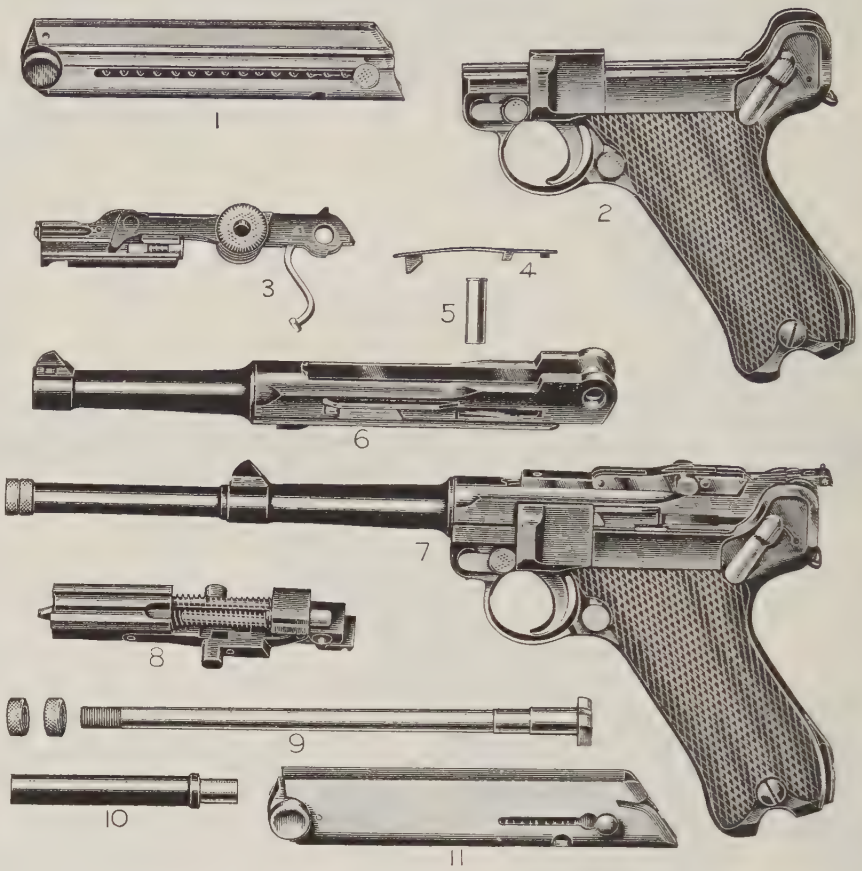
We offer for the first time to owners of Luger pistols an automatic .22 Caliber Insert Barrel Assembly Complete, for all Lugers in both 7.65 m/m and 9 m/m with barrels of 3⅝ inch, 4½ inch, 6 inch or 8 inch. This attachment is well made throughout, with target barrel and adjustable target rear right; its accuracy is high.

With this .22 Caliber Barrel Assembly, it makes available an accurate target and practice arm for all Luger owners, permitting retention of the familiar grip and handling, combined with low cost, and the advantage of shooting under circumstances where a high power pistol would be dangerous or inadmissible.

The assembly of the Barrel Assembly is quite simple. The original magazine, No. 1, and barrel and receiver No. 6, together with breech block No. 3, are first removed from the frame, No. 2. The original ejector, No. 4, is removed from the right side of the receiver and the .22 Caliber barrel No. 9, is inserted through the breech, care being taken that the extractor notch be kept on top. The sleeve, No. 10, is then slid over the protruding end of the .22 Caliber barrel, No. 9, and fastened in place by means of the two locking washer screws. The .22 Caliber breech block, No. 8 (shown with bottom view in illustration) is then put into the receiver, No. 6, in exactly the same manner as the original breech block, No. 3, and secured in place by the original connecting pin, No. 5. The entire barrel, receiver, and breech block are then assembled to the frame in the ordinary manner. The special .22 Caliber magazine, No. 11, is inserted in place of the original magazine, No. 1.

The .22 Caliber Luger Insert Barrel Assembly Complete, consists of the parts shown in the illustration as Nos. 8, 9, 10, and 11. In ordering be sure to state caliber and barrel length.

Price **$32.00**

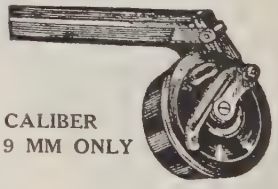


32 SHOT MAGAZINE FOR LUGER AUTOMATIC

With the addition of the 32 shot Magazine Drum shown at right, the Luger instantly becomes a gun which can be fired as rapidly as the user is able to pull the trigger. This drum can be attached as easily as the regular magazine and is so placed that it balances the pistol perfectly. Luger drums were used during the late war but as their manufacture is now forbidden we can offer them only used, but in perfect working order. An important feature is that the number of cartridges in the magazine is always shown by means of an indicator. About twenty cartridges can easily be inserted by hand, but in order to load it to its capacity a special loading tool is necessary. One loading tool is sufficient for any number of drum magazines and they are especially recommended for police forces using numbers of the special 32 shot magazines.

LOADING TOOL FOR DRUM MAGAZINE

Because of the bottle-neck shape of the 7.65 m/m cartridge this magazine will function properly only with the 9 m/m cartridge.



CALIBER 9 MM ONLY

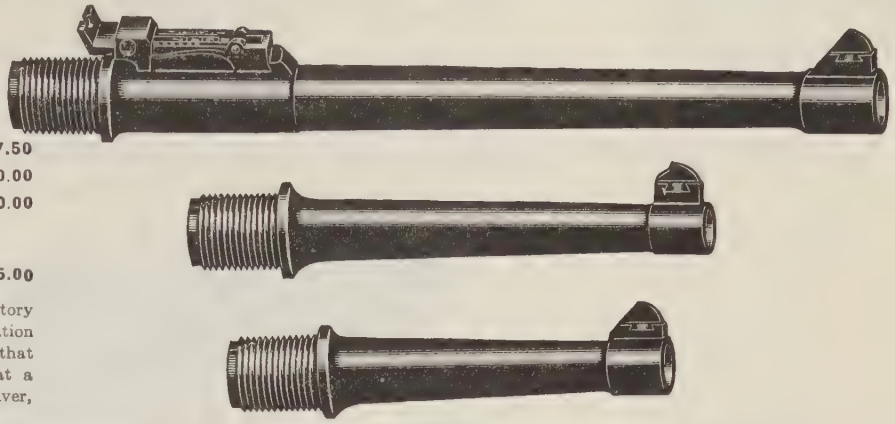
Luger 32 Shot Magazine Drum...**$9.75**

Loading Tools for Drum, slightly used (limited number available) . **10.00**

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

GENUINE LUGER BARRELS AND H. & R. FLARE PISTOL

PRICES OF LUGER BARRELS WITH FRONT SIGHT



Caliber 7.65 m/m, 3⅝ inch (98 m/m) Barrel.....**$7.50**

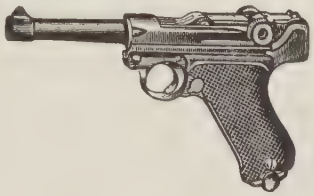
Caliber 9 m/m, 4 inch (100 m/m) Barrel.....**20.00**

Caliber 7.65 m/m, 4½ inch (118 m/m) Barrel....**20.00**

Caliber 9 m/m, 8 inches (200 m/m) Barrel, including tangent curve sight graduated up to 800 meters (880 yards) **25.00**

Note: We have specially imported genuine Luger factory barrel removing and fitting machines, and as this operation is sometimes very difficult otherwise, we recommend that pistol be sent to us for fitting, which we undertake at a charge of **$1.00.** Any barrel complete with receiver, extra **$16.00**

RECONDITIONED LUGERS



Because of the thousands of re-built and re-finished Luger Pistols which have flooded the market and many of which have been spuriously offered as new merchandise at prices actually less than factory new cost, we have decided to offer herewith a line of reconditioned Lugers. We offer these for those who are desirous of obtaining the benefits of the Luger Pistol, but are not in a position to pay the present very high price which present factory costs, import duties, excise and other taxes make necessary.

All Luger Pistols offered by us are thoroughly inspected by experts and tested, thus giving the purchaser assurance of a satisfactory weapon.

The 7.65 mm Pistols are furnished only with 98 mm (3⅝ inch barrel) and the 9 mm only with 100 mm barrel (3¾ inch barrel).

The following pistols are available in either caliber 7.65 mm or 9 mm as indicated.

Luger pistols, Grade 1, refinished, reblued, new grips, new barrels, same as new. Cal. 7.65 mm, Price, **$37.50.** Cal. 9 mm, Price....**$45.00**

Luger pistols, Grade 2, slightly used, but in first-class mechanical condition, barrels very good. Price, 7.65 mm only..... **30.00**

Luger pistols, Grade 3, in good serviceable condition. Price, Cal. 7.65 mm or 9 mm.... **27.50**

IMPROVED CARTRIDGES FOR LUGER

The German D. W. M. ammunition company has perfected a new speedy and powerful 7.65 m/m Luger Cartridge. Loaded with 5.4 grains of (.35 grams) Rottweiler smokeless powder and with a bullet of 9.2 grains, jacketed with an alloy which prevents metal fouling and increases the velocity, this cartridge has attained results unexcelled by any others. The muzzle velocity has been increased from 1148 feet per second to 1208 feet per second and the muzzle energy from 271 foot pounds to 300 foot pounds. The 7.65 m/m and 9 m/m caliber Luger cartridges fit the same magazine. Both cartridges are the same length but the difference is in the weights of the bullets and powder. The 9 m/m bullet weighs 125 grains.

BALLISTICS OF THE LUGER PISTOL

The ballistics of the Luger pistol as printed below are official figures furnished by the Luger factory. We are unable to give ballistics other than those here listed as these are never made public by the factory.

Caliber in millimeters.....	7.65	9.00	9.00
Length of barrel in inches.....	4¾	4	6
Muzzle velocity in foot pounds....	1138	1010	1056
Muzzle energy in foot pounds....	267.84	280.14	307.95
Maximum range in feet.....	5850	4875	5200
Penetration in inches at.....	55 yds.	55 yds.	110 yds.
Pinewood	6⅛	5½	5⅞
Beechwood	2½	2	2¼
Spread in in. at 55 yds., in height.	4	5⅛	4¾
in width.	2¾	3½	3⅛
Spread in in. at 110 yds., in height.	10	12	7½
in width.	7	8½	7
Spread in in. at 220 yds., in height.	26	31	17
in width.	20	23	15
Spread in in. at 330 yds., in height.	—	—	30
in width.	—	—	24

H. & R. FLARE PISTOL SET

This set contains the following items and is furnished in a well constructed solid wooden box.

One H. & R. brass Very pistol — Two parachute flares, white

Six Single ball flares, red — Two parachute flares, red.

This flare set is an absolutely essential part of the equipment of every yacht, motor boat, airplane, or any other type of expedition or hunting party where its use is often the only means of procuring necessary assistance when lost, injured or in unfamiliar territory.

The elevation of the parachute flares is approximately 150 feet, giving a candle power of 750 feet. The red single ball flares' elevation is about the same and burns red from the moment it leaves the muzzle of the pistol. These single ball flares are also furnished in white and/or green.

Price, Complete Set.....**$33.75**

Also sold individually, as follows:

H. & R. Flare (Very) pistol only.....**$25.00**

H. & R. Flare Pistol, special lightweight, weight only 19 ozs..... **20.00**

Single Ball Flares, red, white or green, per doz..... **3.00**

Parachute Flares, red or white, each..... **1.75**

This page reproduced from Stoeger Catalog Edition No. 31, 1939.

THE WORLD FAMOUS

Mauser Self Loading Automatic Pistols

(Manufactured by Waffenfabrik Mauser—Oberndorf a/n Germany)

WE ARE THE SOLE AUTHORIZED IMPORTER FOR THE UNITED STATES AND CANADA OF THE GENUINE MAUSER AND LUGER ARMS AND AMMUNITION

A COMPACT, ACCURATE, SAFE, AND TRUE WEAPON OF DEFENSE

Guaranteed at 10 yards to shoot in a 2-inch circle, at 25 yards in a 6-inch circle.

Pocket Models—25 cal. (6.35 M. M.), 10 shots; 32 cal. (7.65 MM), 9 shots.

.25 Caliber and .32 Caliber

Uses Standard American and German Automatic Pistol Ammunition

DESCRIPTION

The component parts of the Mauser pistols are simple and strong and only the highest quality of materials and best workmanship are used in their manufacture, which is based on the same methods and principles to which Mauser constructions owe their world wide reputation.

Magazine Capacity. As the magazine of the 6.35 MM pistol holds nine and that of the 7.65 MM holds eight cartridges, the pistol can be made to hold ten and nine shots respectively.

Security in Handling. The shooter can tell when aiming or in the dark by touch, whether the pistol is cocked or not—when cocked, the rear end of the striker is visible at the back of the breech. This is a most valuable feature, as the absence of other pistols of devices clearly showing the state of the weapon, has led to fatal accidents.

The pistol cannot be fired when the magazine is wholly or partly withdrawn. Accidents due to presumption that there was no cartridge in the barrel after withdrawing the magazine are thus made impossible.

The breech remains open after firing the last cartridge, but closes automatically as long as there is a cartridge in the magazine. This gives greater security in handling.

The **Safety,** which can be operated with ease by the thumb of the right hand when aiming, allows the weapon to be made safe when cocked or not cocked, loaded or not loaded, and, as the breech cannot be opened when the pistol is safe, danger in carrying is obviated, nor can those unacquainted with the mechanism, such as servants or children, make the pistol ready for fire.

The system employed for unlocking i. e., releasing the safety, prevents the safety from being unlocked while carrying the pistol in, or drawing it out of the pocket. The involuntary firing of more shots than intended, commonly known as "Maximing" is absolutely prevented by the interceptor which disconnects the trigger from the sear while the breech is in motion and makes it necessary to pull the trigger for each shot. No firing can take place unless the breech is entirely closed, even though one should forget to release the trigger after firing.

The PISTOL IS Perfectly Balanced, and its substantial and comfortable grip contributes greatly to the accuracy of shooting, which is further increased by the comparatively great length of the barrel, and line of sight.

PRINCIPAL FEATURES OF MAUSER AUTOMATIC

1. Ten, nine and eight shots respectively.
2. Solidity and simplicity of construction.
3. Perfect workmanship.
4. Great accuracy, increased by special length of barrel .
5. Reliability and safety.
6. The state of the pistol, viz. cocked or not, is apparent externally.
7. Considerable penetrative powder.
8. Substantial grip and good balance.
9. Ease of taking apart for cleaning.
10. Attractive appearance, absence of projecting parts, flat shape and consequent absence of bulge when carried in the pocket.

VEST POCKET MODEL

No. 700—Caliber .25, 10 shot, Pocket ..... **Price $16.00**
No. 701—Caliber .25, 8-shot Vest Pocket ..... **Price $16.00**
No. 702—Caliber .32, 9-shot Pocket ..... **Price $18.00**

THE MAUSER SELF-LOADING AUTOMATIC PISTOL

Famous The World Over

WE ARE THE SOLE AUTHORIZED IMPORTER FOR THE UNITED STATES AND CANADA OF THE GENUINE MAUSER AND LUGER ARMS AND AMMUNITION

.30 CALIBER (7.63 MM) POLICE MODEL 1922, 3¾-INCH BARREL; 10 SHOTS
RANGE 1000 YARDS

DESCRIPTION

This arm occupies a very prominent part in the pistol world, being used for various purposes, such as a military arm (used by Germany, Russia, Italy, Turkey, Finland, China, etc.), as an efficient police weapon (regulation German police gun), as a target pistol and hunting arm. Special attention is called to its light weight, compactness, high degree of deliability and safety in handling. The weight of the pistol with wooden holster is only 3½ lbs., and the length of the pistol in the holster is only 14 inches. This makes it an ideal weapon to carry around for hunting, being slipped into the coat pocket. It is used by many sportsmen all over the world for hunting game, such as deer, wild boar, wolves, bear, moose, etc. In the great war, the MAUSER played a very conspicuous part, just like the LUGER automatic pistol, having been used by Germany and other nations for sniping and general warfare, on account of its great accuracy, hitting power and long range. It is considered the STRONGEST HITTING and FARTHEST SHOOTING pistol in the world with a maximum range of about 2,000 yards.

THE OPERATION OF EXTRACTING the empty fired shells, the cocking of the hammer, the re-loading and closing of the action is done automatically, not by force of any part of the gases generated by the powder, but mechanically by the recoil. The barrel of this arm rests and slides on a track, and the recoil of the fired cartridge, which is utilized to automatically perform the functions of discharging the empty shells and reloading the weapon is hardly felt. This arm is accurate as a rifle, sighted up to 1000 yards, and has a very low trajectory. This arm can either be loaded with or without a clip of 10 cartridges. All parts are strong and simple and not liable to break or get out of order. There is not a screw in this gun and it can be taken apart for the purpose of cleaning, without the aid of any tools.

A skillful man can fire six or seven shots per second within the limit of the capacity of the magazine. Beyond this limit, when the magazine must be re-charged, a very skillful man can fire 120 unaimed or 80 aimed shots per minute. 10,000 shots have been fired at DIFFERENT times with a single pistol with no apparent deterioration. 2,200 shots were fired with one of these pistols, successsively and without cleaning, the barrel being cooled after each 300 shots. In further tests, fine sand was strewn in the breech bolt, in the open magazine containing cartridges, and around the trigger and hammer, without interfering with the operation of any part of the mechanism.

The arm can be supplied with either 3¾ or 6-inch barrel, but owing to the terms of the peace contract the manufacture of the latter was forbidden. The pistol with 3¾ inch barrels are factory new and make a wonderful arm. The magazine has a capacity of 10 cartridges and can be loaded singly by hand or 10 at once from a clip. This pistol has a 1000 yard sight.

No. 710—Pistol complete, with wood Holster, 3¾-inch Barrel (Cal. 7.63 M/M) new ..... **Price, $70.00**

We Carry a Full Line of Repair Parts and Ammunition for 7.63 Mauser Pistols.

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

LLAMA AUTOMATIC PISTOLS

We take pride in offering for the first time in America the famous Llama pistols, products of one of Europe's oldest and most reliable arms manufacturers.

These pistols represent the finest in post war Spanish arms production and are second to none in function, design, materials, finish and accuracy. The models shown herewith are of particular interest to American shooters because they represent types never before manufactured, types which fill a long existing void. The .32 and .380 for example, are smaller than standard .32 pocket pistols and combine such interesting features as grip safety in addition to the usual manual safety, outside hammer, wide square sights, easy disassembly without tools, and hand honed sear to assure smooth even pull. Except in caliber and a slight difference in weight, the .32 and .380 are identical, although the .32 holds one more cartridge.

MODEL XA
Cal. .32
Price $46.00

★

MODEL III A
Cal. .380
Price $48.00

DE LUXE MODELS

For the discriminating shooter we have had custom made 4 types of deluxe Llama pistols. Depending on your personal preference, one of these deluxe pistols will be the ultimate in a hand gun. All deluxe Models come in a luxurious plushlined Presentation Case, with spare magazine. All models available in .32 or .380 caliber, with pearl finish grips. The Super DeLuxe Model is equipped with genuine mother of pearl grips.

DeLuxe Nickel Plated with pearl finish grips	$ 64.00
DeLuxe Nickel Plated Engraved (illustrated)	86.00
DeLuxe Blued—Engraved, pearl finish grips	86.00
Super DeLuxe—Gold Damascened Arabesque with Mother of pearl grips	285.00

MODERN DESIGN
BEST MATERIALS
LIGHT WEIGHT RUGGED
FINE FINISH COMPACT
HIGH ACCURACY

MODEL XI

Cal. 9 m/m
Luger

The Llama 9MM is probably the smallest and most compact pistol anywhere to utilize the world famous 9MM Luger Cartridge. As in all Llama pistols, all principal parts are forged of best alloy steel. This model, with outside hammer, is not of the conventional blow back type, but has the barrel recoil with the slide until the bullet leaves the muzzle. Only then does the barrel unlock and in this way the full power of the cartridge utilized. This model has manual safety and may also be carried at half cock, in which position it cannot be discharged. It has excellent sights and hand honed grooved trigger. The grips are of genuine walnut.

$48.00

SPECIFICATIONS

	Model XA .32	Model IIIA .380	Model XI 9MM
Magazine Capacity	8	7	8
Weight	21 oz.	20 oz.	31 oz.
Height	4⅜"	4⅜"	5"
Length	6¼"	6¼"	7⅝"
Width	1"	1"	1 3/16"
Barrel length	3 11/16"	3 11/16"	4 13/16"
Finish	Blue	Blue	Blue
Grips	Checkered Genuine Walnut in all models		
Trigger	Hand honed and grooved in all models		
Penetration in pine at 17 yds.	3"	2¾"	3½" (at 30 yds.)
Sights	Patridge	Patridge	Patridge

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

THE ART AND SCIENCE OF GUN COLLECTING

By CHARLES EDWARD CHAPEL

Men and boys collect old guns because firearms are the symbols of the battles our ancestors fought to make and preserve for us a nation of free men. The ancient weapons also remind us of the days when our forefathers depended upon lead and gunpowder to feed their families and drive off hostile invaders. Furthermore, there is the pride of possession that a gun collector feels when he exhibits his arms, but most important of all is the fact that we collect guns because it is fun!

Collecting old guns is an art and a science as well as a hobby. We should collect according to a plan. The haphazard accumulation of miscellaneous firearms is a junk heap and not a collection. There are many specialized fields of collecting, but anyone can make an early choice of his specialty. Most collectors in the United States prefer American-made arms, Canadians prefer Canadian and English arms, although those who live in the Province of Quebec are proud of French weapons. Short arms — pistols and revolvers — are preferred to shoulder weapons by the majority of collectors because they are easier to display. Since the majority prefer hand guns, their values are higher and this field constitutes a safer source of profit for those who want to sell or trade.

The collector who specializes in American-made hand guns narrows his specialty according to the ignition period, that is, he chooses flintlock, percussion (cap-and-ball), or cartridge arms. He then decides whether he wants U. S. martial pistols and revolvers, which were carried by our armed forces, or strictly civilian arms. If he likes the latter, he may specialize in duelling pistols. Obviously, these fall within the flintlock and percussion ignition periods. On the other hand, he may prefer weapons carried by famous outlaws, by drivers of stage-coaches, steamboat captains, etc.

Another field of specialization is the *make* of gun. For example, the collector may prefer Colt revolvers. If he wants the very earliest Colt percussion revolvers, he has to buy those made at Paterson, New Jersey and is compelled to pay prices varying from $500 to $2,000, depending upon condition, type, etc. Fortunately, he may buy many of the Colts of the later percussion period at prices ranging from $20 to $50. Since age alone has little to do with value, some of the Colt cartridge revolvers cost more than many of the percussion models, but desirable Colt cartridge revolvers are often picked up for a song in pawnshops and at auctions.

The specialist in American shoulder arms may specialize in U. S. martial muskets, rifles, musketoons and carbines; he may prefer revolving rifles made by Colt and others; he may like the Confederate martial arms the best; or he may choose the Kentucky Rifle, that grand old weapon that did so much to win for us a republican form of government and to force back the frontier.

Freaks and oddities afford an interesting field of specialization. This classification includes burglar alarm guns, Apache pistols (used by the bums of Paris), bludgeon or club pistols, bootleg pistols (carried in the boot), cane guns, cutlass pistols, dagger pistols, knuckle-duster pistols, palm pistols (concealed within the hand), ladies' or muff pistols, pencil or fountain pen pistols, or signal (flare or Very) pistols. In addition to these, there are tinder lighters, powder-testing devices and other firearms which were non-lethal in purpose.

Second only to American-made arms are those made by the British. The French arms come third in popularity and the German weapons third. Actually, when we say German, we include Austrian, Swiss and other Central-European makes. Fourth in popularity are the Italian arms, but the best of these were made before the percussion period.

Some collectors like to exhibit arms which represent the development of methods for firing the gun and hitting the target. They start with the crude hand cannon, which are very rare and seldom genuine; go on to the matchlock period; progress into the wheel lock phase; continue through snaphances and miquelet locks; and thus arrive at the flintlock period. In the same type of collection are found arms which illustrate the introduction of rifling, breech-loading and other improvements which we take for granted today.

Collecting cartridges is a highly specialized hobby. A few years ago it was possible to build a large and representative collection for only a few dollars, but today the demand for obsolete cartridges, coupled with their comparative scarcity, has raised their prices to a plane where they are beyond the reach of the average collector unless he is content to exhibit only the more common specimens.

When the author of this treatise started collecting guns as a small boy, there were very few books which were helpful to collectors. The adults who collected arms surrounded their activities with an air of mystery to discourage competition. Through the years, he made mistakes in buying and selling guns, visited private collections, went through the museums of Europe and America, and finally wrote *GUN COLLECTING*. This book was written for men, but in words that a twelve-year old boy can understand. It offers information on the art and science of collecting guns for the expert as well as the beginner. It gives a general historical outline of gun development, describes the various specialties, explains identification, discusses values, tells how to make a profit from guns and gives directions for care and cleaning.

Gun Collecting was written as a labor of love with little thought of profit, but more copies of this book have been sold than of any other book on firearms in the English language, not including military manuals. Today, it is presented in a revised edition for the new generations of gun lovers.

When *Gun Collecting* first appeared, thousands of men and boys wrote to the author, describing their ancestral arms and asking what they were worth in dollars and cents. With the help of the outstanding collectors and dealers of America, the author wrote *The Gun Collector's Handbook of Values*. The first edition was published in 1940 and sold out within a few months. In 1947, an enlarged and revised edition was published. The new edition describes in great detail more than 3,000 firearms, mostly American, and gives their values in good and fine condition. If small variations are counted, about 8,000 arms are represented. This, like the earlier edition, was prepared with the help of the leading specialists in gun collecting so that it would represent the actual values prevailing in the retail market.

In determining gun values, condition is extremely important. The word "Fine" means that at least 50% of the original factory finish is present; the markings must be distinct; all parts must be original; and the gun should be in perfect working order. The word "Good" means that little or no original factory finish is present; the markings are absent or indistinct; the barrel may be rusted or pitted slightly; the stock may be scratched, bruised or cracked, but it must be sound and complete. The gun may show wear but not abuse. It must be in good working order. In all cases, the amount of rust or pitting and the amount of original finish should be stated and considered in determining value.

"Fine" and "Good" are the usual terms used by gun collectors and dealers. From the above descriptions it is obvious that any particular gun may be better than "Fine" or worse than "Good." Values are adjusted accordingly.

Gun dealers seldom pay more than 50% of the retail price of a gun because they must cover their overhead and make a profit to stay in business. Collectors may make profits by buying wisely and selling to one another. If they buy low enough, they can sell to dealers at a profit.

A gun should be in good condition when offered for sale but this does not mean that the seller is justified in replacing old parts with modern parts unless he discloses the extent of the alteration or repair. New collectors are especially warned that old guns may be faked the same as other antiques. Inexperienced collectors can safeguard themselves by trading only with reliable dealers and by seeking the advice of specialists.

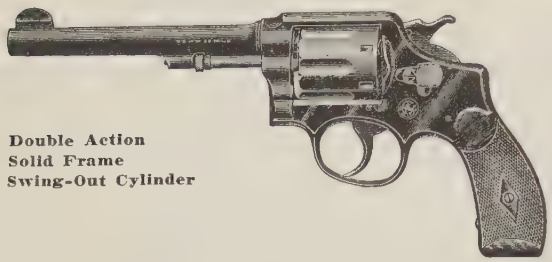
In response to requests from both shooters and collectors, the author wrote *Gun Care and Repair — A Manual of Gunsmithing*. This book was written for men and boys who have very few tools, no experience and ordinary mechanical ability. It was intended primarily for beginners, but many of the full-time gunsmiths got their start by applying the methods it describes. Guns are fun to collect, there is profit in them and they are easy to repair if a man takes one step at a time. Finally, you must remember that, in spite of the atom bomb and airplanes, the rifle and the pistol remain as the principal tools for the preservation of our American civilization.

Statements in this article are the personal opinions of the author. They are not to be construed as necessarily reflecting the official opinions of the Navy Department or the naval service at large. (Required by U. S. Navy Regulations.)

This page reproduced from Stoeger Catalog Edition No. 40, 1949.

SMITH & WESSON REVOLVERS

MILITARY AND POLICE
ROUND BUTT
NEW PATENT SAFETY HAMMER BLOCK



Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .38
Lengths of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 8⅞ inches; 5-inch Barrel, 9⅞ inches; 6-inch Barrel, 10⅞ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight—4-inch Barrel, 28¾ ounces; 5-inch Barrel,, 29½ ounces; 6-inch Barrel, 30½ ounces.
Ammunition ..... .38 Smith & Wesson Special Cartridge
Penetration ..... Eight and one-half ⅞-inch Pine Boards
Number of Shots ..... Six
Price $32.00
Extra for Pearl Stocks ..... **Per Pair, $3.50**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

WINCHESTER
SQUARE BUTT
NEW PATENT SAFETY HAMMER BLOCK

Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .32
Lengths of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 8⅞ inches; 5-inch Barrel, 9⅞ inches; 6-inch Barrel, 10⅞ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight—4-inch Barrel, 30½ ounces; 5-inch Barrel, 31¼ ounces; 6-inch Barrel, 32¼ ounces.
Ammunition ..... .32 Winchester Cartridge
Penetration ..... Five and one-half ⅞-inch Boards
Number of Shots ..... Six
Price, $32.50
Extra for Pearl Stocks ..... **Per Pair, $5.50**
These arms can be furnished with target sights in the 6-inch Blued Finish only, at an additional cost.
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

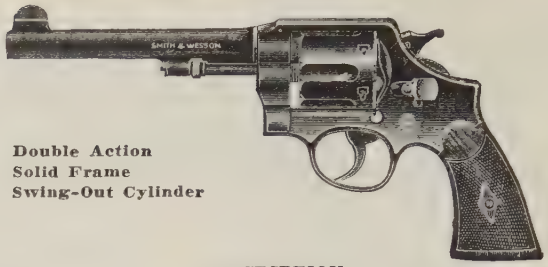
PERFECTED TARGET PISTOL

Single Shot
Double Action
Jointed Frame

DESCRIPTION:

Caliber ..... .22
Length of Barrel ..... 10 inches
Length over all ..... 13⅜ inch
Finish ..... Blued
Stock ..... Target, Walnut, Checked
Weight ..... 25 ounces
Ammunition—22 Short; and Long Rifle Cartridges; also .22 N. R. A. Long Rifle
Price $29.50
Extra for Pearl Stocks ..... **Per Pair, $10.00**
This arm supersedes the Old Model .22 SS. and contains the new design lockwork which gives a perfect pull. We also believe the balance of this pistol to be superior to that of any other arm of this character.
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

MILITARY AND POLICE
SQUARE BUTT
NEW PATENT SAFETY HAMMER BLOCK

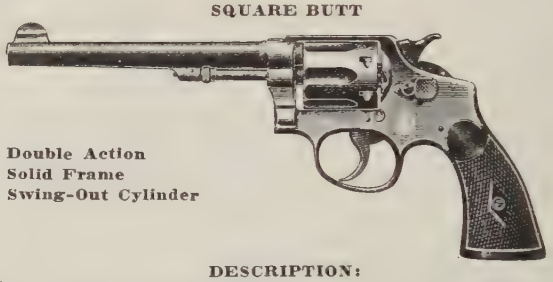


Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .38
Lengths of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 9⅛ inches; 5-inch Barrel, 10⅛ inches; 6-inch Barrel, 11⅛ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight—4-inch Barrel, 29¼ ocnces; 5-inch Barrel, 30 ounces; 6-inch Barrel, 31 ounces.
Ammunition ..... .38 Smith & Wesson Special Cartridge
Penetration ..... Eight and one-half ⅞-inch Pine Boards
Number of Shots ..... Six
Price $32.50
Extra for Pearl Stocks ..... **Price Pair, $5.50**
These arms in the 6-inch length, Blued Finish only, can be supplied with target sights at an additional cost.
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

MILITARY
SQUARE BUTT

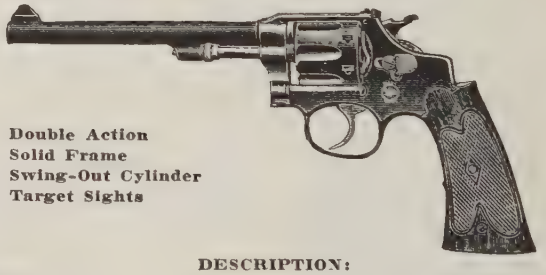


Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .44
Length of Barrel ..... 6½ inches
Length over all ..... 6½-inch Barrel, 11¾ inches
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight ..... 6½ inch Bbl., 38½ ounces
Ammunition ..... 44 Smith & Wesson Special Cartridge
Penetration ..... Seven ⅞ inch Pine Boards
Number of Shots ..... Six
Price, $36.75
Extra for Pearl Stocks ..... **Per Pair $6.25**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH

22/32 HEAVY FRAME TARGET MODEL



Double Action
Solid Frame
Swing-Out Cylinder
Target Sights

DESCRIPTION:

Caliber ..... .22
Length of Barrel ..... 6 inches
Length over all ..... 10½ inches
Finish ..... Blued
Stock ..... Walnut, Checked
Weight ..... 22¾ ounces
Ammunition—.22 Short and Long Rifle Cartridges; .22 Ex Long; .22 NRA Long Rifle.
Number of Shots ..... Six
Price, 29.50
Extra for Pearl Stocks ..... **Per Pair, $10.00**
THIS ARM IS REGLARLY FINISHED IN BLUED FINISH ONLY

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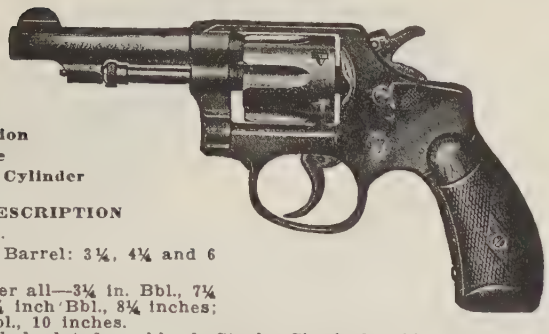
Smith & Wesson Revolvers & Automatic Pistol

HAND EJECTOR MODEL



Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION

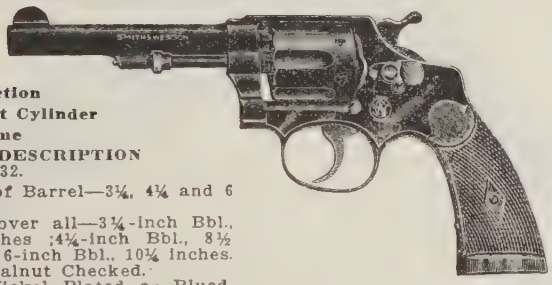
Caliber—.32.
Lengths of Barrel: 3¼, 4¼ and 6 inches.
Lengths over all—3¼ in. Bbl., 7¼ inches 4¼ inch Bbl., 8¼ inches; 6 inch Bbl., 10 inches.
Finish: Nickel plated or blued. Stock—Checked rubber.
Weight: 3¼ inch Barrel, 18 ounces, 4¼ inch Barrel, 18½ ounces 6 inch Barrel, 19¼ ounces.
Ammunition: 32 Smith & Wesson Long Cartridge.
Penetration: Four and one-half ⅞-inch Pine Boards
Number of Shots—Six.

Price, **$29.00**

Extra for Pearl Stocks ..... Per Pair. **$2.00**

REGULATION POLICE MODEL

New Patent Safety Hammer Block



Double Action
Swing-Out Cylinder
Solid Frame

DESCRIPTION

Caliber—.32.
Lengths of Barrel—3¼, 4¼ and 6 inches.
Lengths over all—3¼-inch Bbl., 7½ inches ;4¼-inch Bbl., 8½ inches; 6-inch Bbl., 10¼ inches.
Stock—Walnut Checked.
Finish—Nickel Plated or Blued.
Weight—3¼ inch bbl., 18 ounces; 4¼ inch bbl., 18 ounces; 6 inch bbl., 19¼ ounces.
Ammunition—.32 Smith & Wesson, Long; .32 Smith & Wesson.
Penetration: Four and one-half ⅞-inch Pine Boards.
Number of Shots—Six.

This arm can be furnished with target sights in the 6-inch length, Blue Finish, only at an additional cost.

Price, **$30.50**

Regulation Police, .38 Caliber, made in 4-inch only ..Price 30.50
Extra for Pearl Stocks .....Per Pair **$5.50**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

SAFETY HAMMERLESS MODEL

"New Departure"

Jointed Frame
Automatic Shell Extractor.

DESCRIPTION

Caliber—32.
Length of Barrel—3 inches
Length over all—6¾ inches
Finish—Nicker Plated or Blued. Checked rubber grips.
Weight—14¼ ounces.
Ammunition—32 Smith & Wesson.
Penetration—Three ⅞-inch Pine Boards.
Number of Shots—Fives. Price, **$26.75**

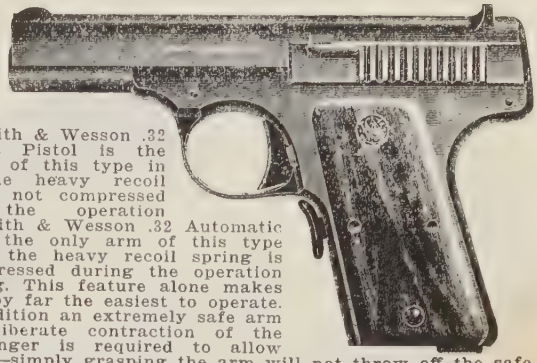
Extra for Pearl Stocks .... **Per Pair, $2.00**

The safety lever and trigger must act in unison, and to discharge this arm otherwise than deliberately is an impossibility.

New Departure .38 caliber made in 3¼, 4 inch barrel.

Fitted with Checked Rubber Grips ..... **Price $29.00**
Extra for Pearl Stocks ..... **Per Pair. $2.00**

SMITH & WESSON .32 AUTOMATIC



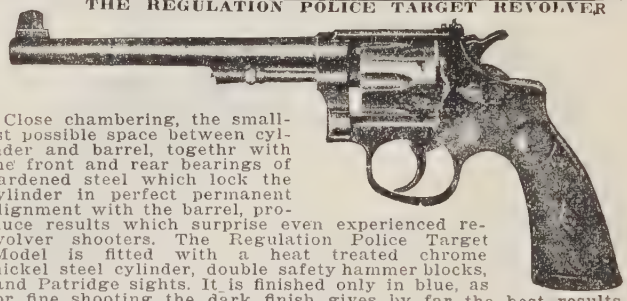
The Smith & Wesson .32 Automatic Pistol is the only arm of this type in which the heavy recoil spring is not compressed during the operation

The Smith & Wesson .32 Automatic Pistol is the only arm of this type in which the heavy recoil spring is not compressed during the operation of loading. This feature alone makes the arm by far the easiest to operate. It is in adition an extremely safe arm as a deliberate contraction of the second finger is required to allow discharge—simply grasping the arm will not throw off the safety. When the magazine is removed the action is locked so that even if a cartridge is in the chamber, discharge cannot occur. The barrel is fastened rigidly to the frame which assures real accuracy while both sights are on the close fitting slide. The arm is easily dismantled and reassembled without tools, a feature which makes cleaning easy. To those wishing a very high grade arm of this type we recommend this Automatic as safe, easy to operate and exceedingly accurate.

AMMUNITION .32 Rimless smokeless

SPECIFICATIONS: Length of Barrel: 3½"; **Length Over All:** 6½". **Capacity of Magazine:** 7 shots; **Stocks:** Selected Circassian Walnut with S. & W. Monograms; **Sights:** Wide, flat top—easy to see and align; **Finish: Blue** only; **Weight:** 25 ounces.
Price **$33.50**

THE REGULATION POLICE TARGET REVOLVER

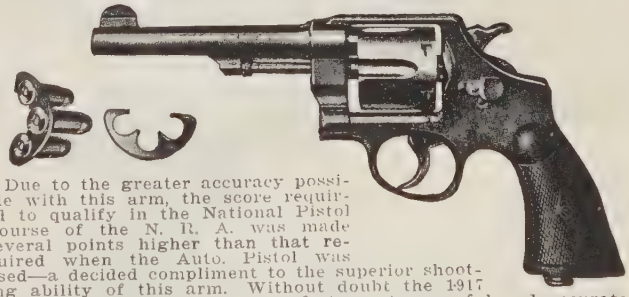


Close chambering, the smallest possible space between cylinder and barrel, togethr with the front and rear bearings of hardened steel which lock the cylinder in perfect permanent alignment with the barrel, produce results which surprise even experienced revolver shooters. The Regulation Police Target Model is fitted with a heat treated chrome nickel steel cylinder, double safety hammer blocks, and Patridge sights. It is finished only in blue, as for fine shooting the dark finish gives by far the best results.

AMMUNITION .32 S. & W. Long
(see cartridges listed under .32 Regulation Police).
ACTION Double, solid frame, swing-out cylinder

SPECIFICATIONS Length of Barrel: 6" only; **Finish:** Blue only; **Weight:** 20 ozs; **Accurate Range:** 50 yards; **Accuracy at 50 Yards:** 2½" circle; **Length Over All:** 10¼"; **Stock:** Checked walnut; **Sights:** Patridge rear adjustable for elevation and windage; **Front Sight:** one tenth" Patridge or any of the special sights shown for Military and Police Target, if desired.
Price **$34.25**

THE 1917 ARMY REVOLVER



Due to the greater accuracy possible with this arm, the score required to qualify in the National Pistol Course of the N. R. A. was made several points higher than that required when the Auto. Pistol was used—a decided compliment to the superior shooting ability of this arm. Without doubt the 1917 Model is the fastest loading, safest, most powerful and accurate arm made for the Service Cartridge—it is ideal for men needing maximum known down power at ordinary range.

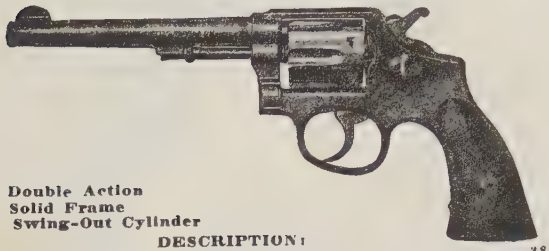
AMMUNITION *.45 Caliber Automatic Pistol Cartridge, with full metal patched bullet. Also the .45 Caliber Auto-Rim Cartridge loaded with eitheer lead or full patched bullet
ACTION Double, solid frame, with swing-out cylinder of heat treated alloy stel, bearings in perfect alignment with the barrel

Specifications: Length of Barrel: 5½"; **Finish** Blue only; **Weight:** 36¼ ozs; **Length Over All:** 10¾"; **Stock:** Checked walnut with swivel in bottom of butt; **Number of Shots:** 6; **Penetration** Eight ⅞" pine boards; **Energy:** 350 ft. lbs; **Accurate Range:** 50 yards.

*Loading clips, as illustrated, for three .45 caliber Colt Automatic rimless cartridges. **Each .25c**

Smith & Wesson Revolvers

MILITARY AND POLICE
SQUARE BUTT
NEW PATENT SAFETY HAMMER BLOCK



Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

caliber ..... .38
Length of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 9⅛ inches; 5-inch Barrel, 10⅛ inches; 6-inch Barrel, 11⅛ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight—4-inch Barrel, 29¼ ocnces; 5-inch Barrel, 30 ounces; 6-inch Barrel, 31 ounces.
Ammunition ..... .38 Smith & Wesson Special Cartridge
Penetration ..... Eight and one-half ⅞-inch Pine Boards
Number of Shots ..... Six
Price $32.50
This model furnished with adjustable sights and 6 inch blued barrel only **$37.00**
Extra for Pearl Stocks ..... **Price Pair, $5.50**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

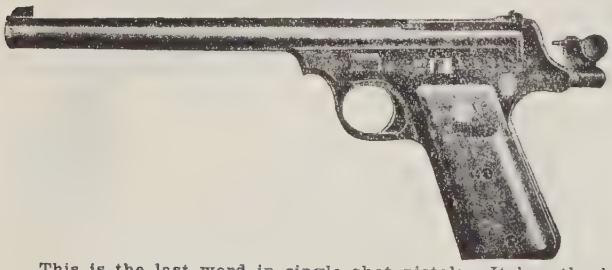
MILITARY **SQUARE BUTT**

Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .44
Length of Barrel ..... 6½ inches
Length Over All: ..... 6½-inch Barrel, 11¾ inches
Finish ..... 5" Blued only, 6½" Nickel Plated or Blued
Stocks: ..... Walnut, Checked
Weight ..... 6½ inch Bbl., 38½ ounces
Ammunition ..... 44 Smith & Wesson Special Cartridge
Penetration ..... Seven ⅞ inch Pine Boards
Number of Shots ..... Six
Price, $36.75
This model furnished with adjustable target sights and 6½" blued barrel only **$42.00**
Extra for Pearl Stocks ..... Per Pair **$5.50**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH

THE NEW S. & W. "STRAIGHT LINE" .22 CAL. SINGLE SHOT

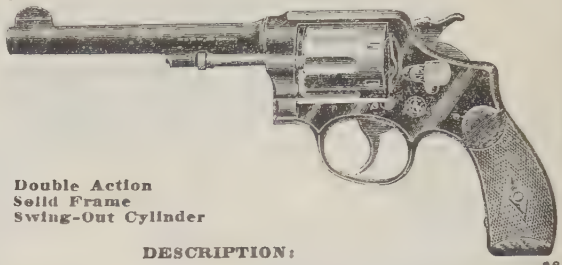


This is the last word in single shot pistols. It has the balance, stocks and action marksmen have asked for.

Barrel swings on a vertical bearing to load. With each arm is furnished a pressed steel case with cleaning rod and screw driver.

Calibre ..... .22
Length of barrel ..... 10"
Length over all ..... 11½"
Finish ..... Blue
Stock ..... Smooth walnut with monogram
Weight ..... .34 ounces
Price **$35.00**

MILITARY AND POLICE
ROUND BUTT
NEW PATENT SAFETY HAMMER BLOCK

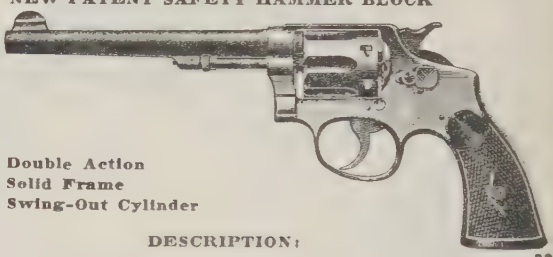


Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .38
Lengths of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 8⅞ inches; 5-inch Barrel, 9⅞ inches; 6-inch Barrel, 10⅞ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Checked rubber grips
Weight—4-inch Barrel, 28¾ ounces; 5-inch Barrel,, 29½ ounces; 6-inch Barrel, 30½ ounces.
Ammunition ..... .38 Smith & Wesson Special Cartridge
Penetration ..... Eight and one-half ⅞-inch Pine Boards
Number of Shots ..... Six
Price $32.00
Extra for Pearl Stocks ..... **Per Pair, $3.50**
Checkered walnut target grip, same as for the heavy frame 22/32 target model, may be used for this model..... **Price $2.40**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

WINCHESTER (32-20)
SQUARE BUTT
NEW PATENT SAFETY HAMMER BLOCK

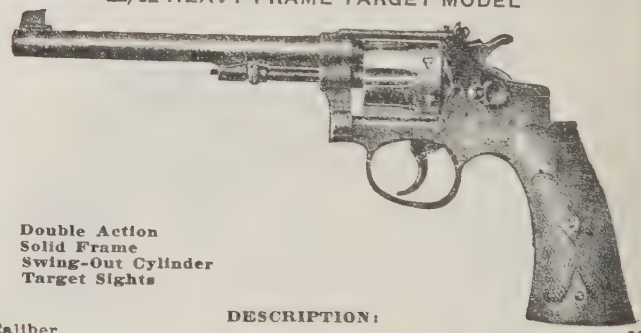


Double Action
Solid Frame
Swing-Out Cylinder

DESCRIPTION:

Caliber ..... .32
Lengths of Barrel ..... 4, 5, and 6 inches
Lengths over all—4-inch Barrel, 8⅞ inches; 5-inch Barrel, 9⅞ inches; 6-inch Barrel, 10⅞ inches.
Finish ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight—4-inch Barrel, 30½ ounces; 5-inch Barrel, 31¼ ounces; 6-inch Barrel, 32¼ ounces.
Ammunition ..... .32 Winchester Cartridge
Penetration ..... Five and one-half ⅞-inch Boards
Number of Shots ..... Six
Price, $32.50
Extra for Pearl Stocks ..... **Per Pair, $5.50**
This model furnished with adjustable target sights in the 6" Blued Finish only, ... **Price $37.25**
NICKEL PLATED FINISH SAME PRICE AS BLUED FINISH.

22/32 HEAVY FRAME TARGET MODEL



Double Action
Solid Frame
Swing-Out Cylinder
Target Sights

DESCRIPTION:

Caliber ..... .22
Length of Barrel ..... 6 inches
Length over all ..... 10½ inches
Finish ..... Blued
Stock ..... Special large checked walnut
Weight ..... 22¾ ounces
Ammunition—.22 Short and Long Rifle Cartridges; .22 Ex Long; .22 NRA Long Rifle.
Number of Shots ..... Six
Price $33.00
Extra for Pearl Stocks ..... Per Pair **$10.00**
THIS ARM IS REGULARLY FINISHED IN BLUED FINISH ONLY

Smith & Wesson Revolvers

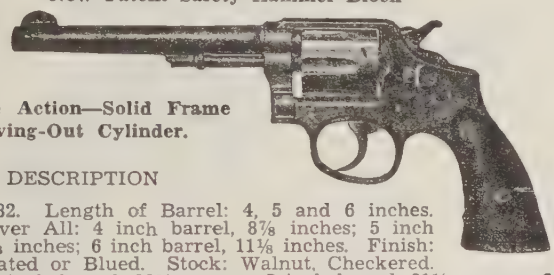
MILITARY AND POLICE—SQUARE BUTT
New Patent Safety Hammer Block.

Double Action—Solid Frame
Swing-Out Cylinder

DESCRIPTION

Length of Barrel: 4, 5 and 6 inches. Length Over All: 4 inch barrel, 9⅛ inches; 5 inch barrel, 10⅛ inches; 6 inch barrel, 11⅛ inches. Finish: Nickel Plated or Blued. Stock: Walnut. Checked. Weight: 4 inch barrel, 29¼ ounces; 5 inch barrel, 30 ounces; 6 inch barrel, 31 ounces. Ammunition: .38 Smith & Wesson Special Cartridge. Penetration: Eight and one-half ⅞-inch Pine Boards. Number of Shots, 6. **Price** **$32.50**
This model furnished with adjustable sights and 6 inch blued barrel only **$37.25**
Extra for Pearl Stocks, price per pair **5.50**
Nickel Plated Finish Same Price as Blued Finish

MILITARY AND POLICE—WINCHESTER (32-20)
New Patent Safety Hammer Block



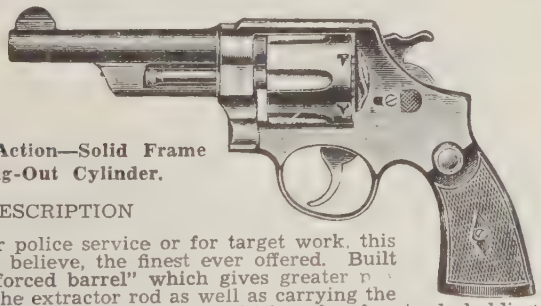
Double Action—Solid Frame
Swing-Out Cylinder.

DESCRIPTION

Caliber, .32. Length of Barrel: 4, 5 and 6 inches. Length Over All: 4 inch barrel, 8⅞ inches; 5 inch barrel, 9⅞ inches; 6 inch barrel, 11⅛ inches. Finish: Nickel Plated or Blued. Stock: Walnut, Checkered. Weight: 4 inch barrel, 30½ ounces; 5 inch barrel, 31¼ ounces; 6 inch barrel, 32½ ounces Ammunition, .32 Winchester Cartridge. Penetration, five and one-half ⅞-inch Boards. Number of Shots, 6
Price **$32.50**
Extra for Pearl Stocks, per pair **5.50**
This model furnished with adjustable target sights in the 6-inch Blued Finish only **$37.25**

Nickel Plated Finish Same Price as Blued Finish.

SUPER POLICE



Double Action—Solid Frame
Swing-Out Cylinder.

DESCRIPTION

For regular police service or for target work, this gun is, we believe, the finest ever offered. Built with "reinforced barrel" which gives greater protection to the extractor rod as well as carrying the center of weight farther forward, which makes for steady holding.

SPECIFICATIONS

Caliber ..... .38
Frame ..... .444 Military Model
Length of Barrel ..... 5 inches only
Finish ..... High polish, Bright blue
Stock ..... Checked Circassian Walnut
Weight ..... 45 ounces
Sights ..... Fixed, Square Partridge Type
Number of Shots ..... Six
Distance Between Sights ..... 6½ inches
Accuracy at 50 Yards ..... 11½ inch circle
Penetration ..... Eight ⅞ inch Pine Boards
Cartridge ..... .38 S. & W. Special
Price **$36.75**

Nickel Plated Finish Same Price as Blued Finish.

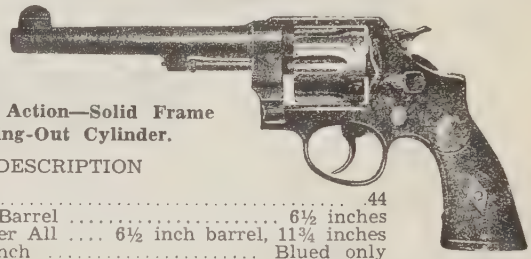
THE 1917 ARMY REVOLVER

Without doubt the 1917 Model is the fastest loading, safest, most powerful and accurate arm made for the Service Cartridge. It is ideal for men needing maximum knock down power at ordinary range.

Price $36.75

AMMUNITION—*.45 Caliber Automatic Pistol Cartridge, with full metal patched bullet. Also the .45 Caliber Auto-Rim Cartridge loaded with either lead or full patched bullet.
ACTION—Double, solid frame, with swingout cylinder of heat treated alloy steel, bearings in perfect alignment with the barrel.
SPECIFICATIONS—Length of Barrel, 5½ inches. Finish, Blue only. Weight, 36¼ ounces. Length Over All, 10¾ ounces. Stock: Checked walnut with swivel in bottom of butt. Number of shots, 6. Penetration: Eight ⅞ inch pine boards. Energy: 350 ft. lbs. Accurate Range, 50 yards.
*Loading clips, as illustrated, for three .45 caliber Colt Automatic rimless cartridges ..... **Each 25c**

.44 MILITARY



Double Action—Solid Frame
Swing-Out Cylinder.

DESCRIPTION

Caliber ..... .44
Length of Barrel ..... 6½ inches
Length Over All .... 6½ inch barrel, 11¾ inches
Finish—5-inch ..... Blued only
6½-inch ..... Nickel Plated or Blued
Stock ..... Walnut, Checked
Weight ..... 6½ inch barrel, 38½ ounces
Ammunition ..... .44 Smith & Wesson Special Cartridge
Penetration ..... Seven ⅞ inch Pine Boards
Number of Shots ..... Six
Price **$36.75**
Extra for Pearl Stocks **5.50**

Nickel Plated Finish Same Price as Blued Finish.

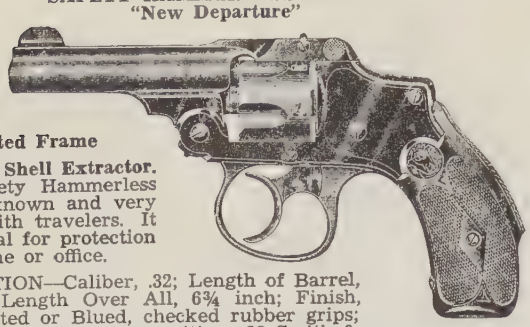
MILITARY TARGET MODEL

Double Action—Solid Frame—Swing-Out Cylinder.

DESCRIPTION—Caliber .44 Smith & Wesson Double Action. Solid frame with swing-out cylinder locked by front and rear bearings of hardened steel in perfect permanent alignment with the barrel. Heat treated chrome nickel steel cylinder. Sights: 1-10 inch Partridge front and adjustable rear with square notch.
SPECIFICATIONS—Length of barrel, 6½ inches only. Length Over All, 11¾ inches. Number of Shots, 6. Finish: Blue only. Stock: Checked Circassian walnut with S. & W. monogram. Weight, 37¾ ounces. Standard Trigger Pull, 3 to 4 pounds. Accurate Range, 200-300 yards. Accuracy at 50 Yards, 1½ inch circle.
Price **$42.00**
Extra for Pearl Grips **5.50**

Smith & Wesson Revolvers and Automatic Pistol

SAFETY HAMMERLESS MODEL
"New Departure"



Jointed Frame

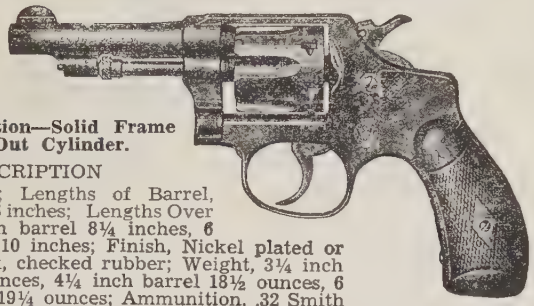
Automatic Shell Extractor.
The Safety Hammerless is world known and very popular with travelers. It is also ideal for protection of the home or office.

DESCRIPTION—Caliber, .32; Length of Barrel, 3 inches; Length Over All, 6¾ inch; Finish, Nickel Plated or Blued, checked rubber grips; Weight, 14¼ ounces; Ammunition, .32 Smith & Wesson; Penetration, three ⅞ inch Pine Boards; Number of Shots, five.

Price **$26.75**
Extra for Pearl Stocks, per pair **2.00**

The safety lever and trigger must act in unison, and to discharge this arm otherwise than deliberately is an impossibility. New Departure .38 Caliber made in 3¼, 4 inch barrel, fitted with checked rubber grips **$29.00**
Extra for Pearl Stocks, per pair **2.00**

HAND EJECTOR MODEL



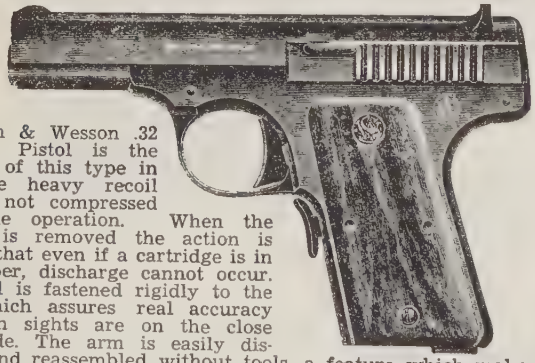
Double Action—Solid Frame Swing-Out Cylinder.

DESCRIPTION

Caliber. .32; Lengths of Barrel, 3¼, 4¼ and 6 inches; Lengths Over All, 3¼ inch barrel 8¼ inches, 6 inch barrel 10 inches; Finish, Nickel plated or blued; Stock, checked rubber; Weight, 3¼ inch barrel 18 ounces, 4¼ inch barrel 18½ ounces, 6 inch barrel 19¼ ounces; Ammunition, .32 Smith & Wesson Long Cartridge; Penetration, four and one-half ⅞-inch pine boards; number of Shots, six.

Price **$29.00**
Extra for Pearl Stocks, per pair **2.00**

SMITH & WESSON .32 AUTOMATIC



The Smith & Wesson .32 Automatic Pistol is the only arm of this type in which the heavy recoil spring is not compressed during the operation. When the magazine is removed the action is locked so that even if a cartridge is in the chamber, discharge cannot occur. The barrel is fastened rigidly to the frame, which assures real accuracy while both sights are on the close fitting slide. The arm is easily dismantled and reassembled without tools, a feature which makes cleaning easy. To those wishing a very high grade arm of this type we recommend this Automatic as safe, easy to operate and exceedingly accurate.

AMMUNITION—.32 Rimless Smokeless.

SPECIFICATIONS—Length of Barrel, 3½ inches; Length Over All, 6½ inches; Capacity of Magazine, 7 shots; Stocks, selected Circassian Walnut with S. & W. monograms; Sights, wide, flat top—easy to see and align; Finish, blue only; Weight, 25 ounces.

Price **$33.50**

REGULATION POLICE MODEL
New Patent Safety Hammer Block

Double Action—Solid Frame Swing-Out Cylinder.

DESCRIPTION

Caliber, .32; Lengths of Barrel, 3¼, 4¼ and 6 inches; Lengths Over All, 3¼ inch barrel 7½ inches; 4¼ inch barrel 8½ inches; 6 inch barrel 10¼ inches; Stock, walnut checked· Finish, Nickel Plated or Blued; Weight, 3¼ inch barrel 18 ounces, 4¼ inch barrel 18 ounces, 6 inch barrel 19¼ ounces; Ammunition, .32 Smith & Wesson Long, .32 Smith & Wesson; Penetration, 4 and one-half ⅞-inch pine boards; Number of shots, six.

This arm can be furnished with target sights in the 6 inch length, Blued Finish only, at an additional cost.

Price **$30.50**
Extra for Pearl Stocks, per pair **5.50**

Nickel Plated Finish Same Price as Blued Finish.

REGULATION POLICE MODEL
New Patent Safety Hammer Block

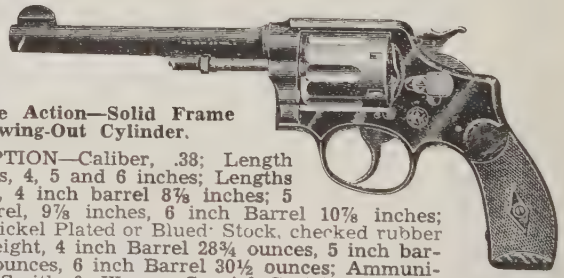
Double Action—Solid Frame—Swing-Out Cylinder.

DESCRIPTION—Caliber, .38; Length of Barrel, 4 inches only; Number of Shots, 5; Finish, Blue or Nickel; Weight, 18 ounces; Stocks, Checked Circassian walnut with S. & W. monogram; Length Over All, 8¼ inches; Sights, Fixed, 1-10 inch thick square section front and flat top square notch rear; Velocity, 670 ft. sec.; Energy, 147 ft. lbs.; Penetration, five ⅞ inch pine boards; Accurate Range, 75 yards; Accuracy at 50 Yards, 3 inch circle; Ammunition—The .38 S. & W., the .38 S. & W. Super Police; the .38 Colt New Police Cartridge.

Price **$30.50**
Regulation Police, .38 caliber, made in 4-inch only **30.50**
Extra for Pearl Stocks, per pair **5.50**

Nickel Plated Finish Same Price as Blued Finish

MILITARY AND POLICE—ROUND BUTT
New Patent Safety Hammer Block



Double Action—Solid Frame Swing-Out Cylinder.

DESCRIPTION—Caliber, .38; Length of Barrels, 4, 5 and 6 inches; Lengths Over All, 4 inch barrel 8⅞ inches; 5 inch barrel, 9⅞ inches, 6 inch Barrel 10⅞ inches; Finish, Nickel Plated or Blued· Stock, checked rubber grips; Weight, 4 inch Barrel 28¾ ounces, 5 inch barrel 29½ ounces, 6 inch Barrel 30½ ounces; Ammunition, .38 Smith & Wesson Special Cartridge; Penetration, eight and one-half ⅞-inch pine boards; Number of Shots, six.

Price **$32.00**
Extra for Pearl Stocks, per pair **3.50**

Checkered Walnut Target Grip, same as for the heavy frame 22/32 target model, may be used for this model. **Price** .. **$2.40**

Nickel Plated Finish Same Price as Blued Finish.

SMITH & WESSON HEAVY FRAME REVOLVERS

THE S. & W. "357" MAGNUM

Caliber ".357" Magnum. 1512 Foot Seconds Velocity. Spectacular Performance.

Price $60.00

1512 foot-seconds muzzle velocity! Faster by far than the speed heretofore attained by even the fastest of the small caliber, light weight bullets shot from foreign automatic pistols. *802 foot-pounds muzzle energy!* No hand arm cartridge ever manufactured has developed within hundreds of pounds of this terrific impact. And with this speed and power, *accuracy*. Never, but for those made by other Smith & Wesson revolvers, have there been published machine rest groups made by a large caliber hand arm that can in any way compare with those made with the S. & W. ".357" Magnum* cartridge. While its square-shouldered Sharpe-type lead bullet will shoot through steel plates that are but dented by other cartridges that have heretofore been considered powerful, the S. & W. ".357" Magnum* bullet will upset to .50 caliber in 8 inches of soft paraffin; other bullets pass through practically unchanged in form. Its penetration in boards is but slightly greater than the .38/44 S. & W. Special, but here again the blasted wood and the condition of the recovered bullet tells of the power actually delivered. THE S. & W. ".357" MAGNUM* HAS FAR GREATER SHOCK POWER THAN ANY .38, 44 or .45 EVER TESTED. And with this power it produces machine rest groups at 20 yards (the standard indoor target range) of less than 1 inch! At 100, 200, 500 yards, and even beyond, the inherent power and accuracy continues to exist.

While this revolver is chambered especially for the long S. & W. ".357" Magnum* cartridge, its accuracy and effectiveness with all the various loads for the .38/44 and .38 S. & W. Special is actually amazing, which makes it the greatest all-purpose hand arm ever to be developed. It must be remembered the extremes in muzzle velocity are the greatest ever tested in one revolver; a complete triumph for the Smith & Wesson system of chambering and rifling. A most interesting fact disclosed by the machine rest groups at 50 to 75 yards is that at these distances the size of the groups does not increase in proportion to the range; the groups actually averaging at 50 yards 1.83 inches and at 75, 2.59 inches.

SPECIFICATIONS

Caliber: ".357" (Actual bullet diameter .38 S. & W. Spec.).
Barrel: Length optional; 8¾" maximum, 3½" minimum. Finely checked rib and heavy recessed extractor rod lug.
Frame: ".357" Magnum, with finely checked top strap matching barrel rib. Front and rear straps, S. & W. grooving.
Cylinder: Heat-treated chrome-nickel steel. Recessed head space and patented burnished chamber walls.
Sights: Optional; choice of any standard target sights.
Sight Base: With 8¾" barrel, 10". Maximum permissible in "Any Revolver Matches."
Weight: With 8¾" barrel and Adapter, 49 oz.; 6½" barrel and Adapter, 47 oz.; 3½" barrel and Adapter, 44 oz. Adapter, 3 oz.
Hammer: Full surface of thumb piece checked to prevent slipping in rapid fire. Concentric relief cuts on sides. Hammer fall weighed and timed for uniform ignition and least disturbance of arm.
Trigger: S. & W. grooving. Glass-hard point engaging hammer notch.
Trigger Pull: Single action, 3¾ to 4 lbs. Double action, 10 lbs.
Stocks: Especially selected Circassian Walnut with monograms and S. & W. checking. Choice of standard S. & W. stocks with Wesson Grip Adapter, or the new MAGNA stocks as shown in illustration.
Ammunition: S. & W. ".357" Magnum*
.38/44 S. & W. Special
.38 S. & W. Special Hi-Velocity
.38 S. & W. Special
.38 S. & W. Special Super-Police
.38 S. & W. Special Mid Range

THE "K22" OUTDOORSMAN REVOLVER

—Caliber .22 L. R.
—As accurate as a watch
—As sturdy as a tractor

Price $38.00

This .22 caliber, heavy frame revolver is our response to the ever-growing demand for larger and heavier hand arms. In 1911, when we brought out the now world-famous .22/.32 Target Revolver, we selected that model, as the .32 S. & W. Hand Ejector was the arm most popular in Police circles. Today the .38 S. & W. Military and Police (our Model K) is the Police standard, and so, with the advent of the new Hi-Speed .22 L. R. Cartridge, comes our latest model, the .22 Target Revolver, on our Model K frame, the K-22.

It is a replica of that famous veteran, the .38 M. & P. Target Revolver, with the barrel drilled, reamed and rifled, as are our .22 Target Pistol barrels, and the cylinder chambered for the .22 Long Rifle Cartridge, with the head space recessed.

SPECIFICATIONS

Caliber: .22.
Frame: .38 M. & P. target.
Length of Barrel: 6 inches only.
Number of Shots: 6.
Sights: Patridge, 1/10 inch, front square, notch rear, adjustable for windage and elevation.
Distance Between Sights: 7⅛".
Trigger Pull: 3 to 4 pounds.
Finish: Blue.
Stocks: Checkered Circassian walnut with S. & W. monogram.
Grooved Straps and Trigger.
Weight: 35 ounces.
Cartridge: .22 Long Rifle.
Accuracy at 50 Yards: 1½" Circle.

THE .38/44 OUTDOORSMAN REVOLVER

Caliber .38 S & W Special
1125 Foot-seconds velocity
Smith & Wesson Accuracy

Price $45.00

Due to the weight and balance of the .38/44 OUTDOORSMAN'S Revolver, it will be found that the high velocity obtained with this new ammunition will be accompanied with practically as little recoil as that of the .38 S. & W. Special Cartridge when shot in the revolvers for which it is designed, and is, in fact, less noticeable than the standard 44's or 45's.

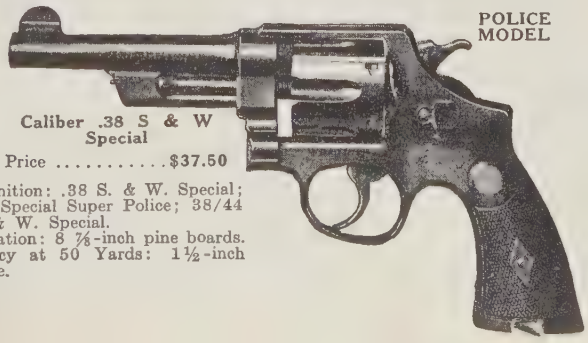
A most convenient feature of these two cartridges is that at twenty yards no readjustment of sights is required when changing from one to the other. At longer ranges, however, it will be found that decidedly less elevation is needed when using the .38/44 S. & W. Special due to its tremendous velocity.

SPECIFICATIONS

Caliber: .38.
Frame: .44 Military target.
Barrel: 6½ inches only, with heavy recessed lug protecting extractor rod.
Number of Shots: 6.
Sights: Patridge, front and rear. Sheard, Marble or Call sights can be supplied on special order at no extra cost.
Distance Between Sights: 7¾ inches.
Trigger Pull: 3½ to 4 pounds.
Finish: Smith & Wesson Blue.
Stocks: Checked Circassian walnut with S. & W. monograms.
Front and Rear Strap and Trigger: Grooved to prevent slipping.
Weight: 41¾ ounces.
Ammunition: .38 S. & W. Special; .38 S. & W. Special 200-grain Bullet; .38/44 S. & W. Special.

38/44 HEAVY DUTY REVOLVER

POLICE MODEL



Caliber .38 S & W Special

Price $37.50

Produced specifically to meet the requirements of severest usage in Police and other public safety work, represents the highest point of accuracy, efficiency, and ability to withstand hard usage.

Its weight of 40 ounces, due to the .44 frame and re-enforced barrel, makes for ease of shooting, either with the .38 S. & W. Special or the .38 S. & W. Special Super Police Cartridge; its accurate Smith & Wesson quality of workmanship and finish guarantees its smooth and long lasting action; while its design and finish combine to make it one of the most handsome guns.

SPECIFICATIONS

Caliber: .38.
Frame: .44 Military Model.
Length of Barrel: 5 inches only.
Number of Shots: 6.
Sights: Fixed, square Patridge type.
Distance Between Sights: 6¼ inches.
Finish: Blue or Nickel.
Stock: Checked Circassian walnut with S. & W. monogram.
Weight: 40 ounces.
Ammunition: .38 S. & W. Special; .38 Special Super Police; 38/44 S. & W. Special.
Penetration: 8 ⅞-inch pine boards.
Accuracy at 50 Yards: 1½-inch circle.

This page reproduced from Stoeger Catalog Edition No. 27, 1936.

WEBLEY AUTOMATIC AND SIGNAL PISTOLS

WEBLEY .32 METROPOLITAN POLICE AUTO.

Price $30.00
Extra Magazine 3.50

Also made .380 Caliber 7 shot.

This model has been adopted by the following Police Forces:—
London Metropolitan, London City, Dublin, Cairo, Adelaide, Australia, and all the principal forces of the counties and cities of the United Kingdom.

SPECIFICATIONS

Weight, without magazine, 18 ounces.
Weight of magazine, 2 ounces.
Overall length, 6¼ inches.
Depth, 4½ inches.
Magazine capacity (.32 caliber) 8.
Magazine capacity (caliber 380) 7.

WEBLEY .25 HAMMER MODEL AUTOMATIC

Price $25.00
Extra Magazine 4.50

The Webley .25 Caliber Automatic Hammer Model Pistol is unique among pistols of this size. It is well built, reliable, and embodies the outside hammer preferred by many experts because of its additional safety features.

SPECIFICATIONS

Weight of pistol without magazine, 11 ounces.
Weight of magazine, ¾ ounce.
Length overall, 4¾ inches.
Depth, 3⅛ inches.
Capacity of magazine, 6 shots.
Weight of bullet, 48 grains.

WEBLEY "VERY" SIGNAL PISTOL

Price $35.00

WEBLEY & SCOTT SIGNAL PISTOL

As supplied to the British Navy, Army and Air Forces, also to the French and Russian Governments for signaling purposes. Suitable for naval and military purposes, also for yachtsmen, gamekeepers, and all signaling purposes where white and colored flares are used. This Signal Pistol is provided with a safety device, whereby the pistol cannot be loaded when the hammer is at full cock. Cartridges for the above in either red, white or green, 45 cents each. Also obtainable in 1½ inch bore with shoulder piece.

SPECIFICATIONS

Caliber, 1 inch. Length overall, 9¾ inches. Weight, 2 pounds, 12 ounces.

9 MM. MILITARY & POLICE AUTOMATIC

As Supplied to the South African Government

This pistol is the outcome of 20 years' experience with Automatic Pistols, and has embodied in it all the latest developments and improvements, including a patent positive safety, making accidental discharge absolutely impossible, even in the event of the hammer sear not holding.

SPECIFICATIONS

Weight of pistol, without magazine, 2 pounds.
Capacity of magazine, 8 shots.
Weight of magazine, 2⅛ ounces.
Length overall, 8 inches.
Depth, 5¼ inches.
Cartridge 9 m/m long Browning.
Weight of bullet, 110 grains.
Muzzle energy, 280 feet pounds.
Initial velocity, 1,030 feet seconds.

Price $60.00

WEBLEY .25 HAMMERLESS MODEL AUTOMATIC

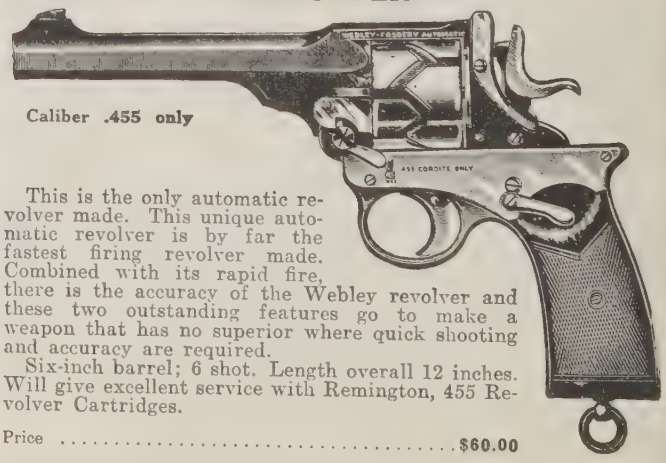
Price $25.00
Extra Magazine 3.50

The Webley & Scott Pocket Hammerless .25 Caliber Automatic Pistol is one of the smallest and lightest automatic pistols made. It has a penetration at 20 yards, four 1-inch pine boards, placed 1 inch apart.

SPECIFICATIONS

Weight of pistol, without magazine, 2 pounds.
Weight of magazine, 12 drams.
Length overall, 4¼ inches.
Depth, 3⅛ inches.
Capacity of magazine, 6 shots.
Weight of bullet, 48 grains.

WEBLEY "FOSBERY" AUTOMATIC REVOLVER



Caliber .455 only

This is the only automatic revolver made. This unique automatic revolver is by far the fastest firing revolver made. Combined with its rapid fire, there is the accuracy of the Webley revolver and these two outstanding features go to make a weapon that has no superior where quick shooting and accuracy are required.

Six-inch barrel; 6 shot. Length overall 12 inches. Will give excellent service with Remington, 455 Revolver Cartridges.

Price $60.00

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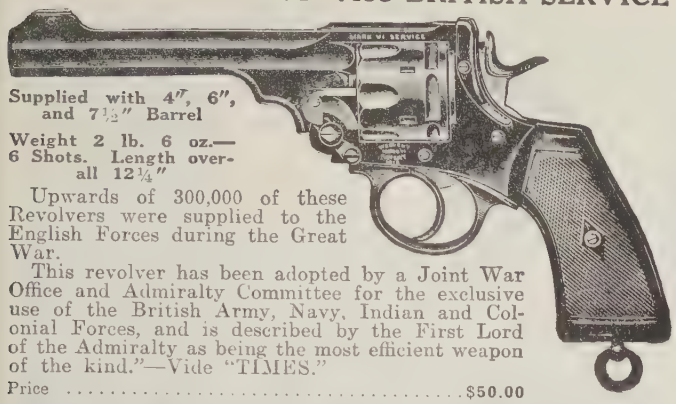
WEBLEY REVOLVERS

WEBLEY "MARK VI" .455 BRITISH SERVICE



Supplied with 4", 6", and 7½" Barrel

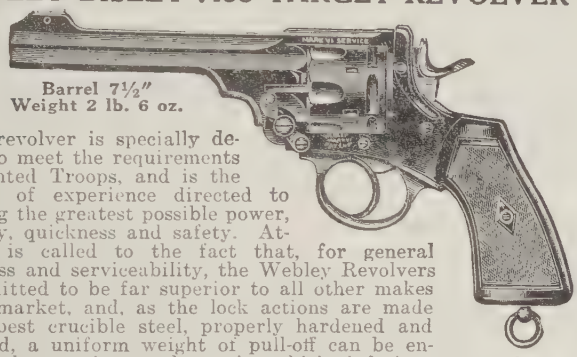
Weight 2 lb. 6 oz.—6 Shots. Length overall 12¼"

Upwards of 300,000 of these Revolvers were supplied to the English Forces during the Great War.

This revolver has been adopted by a Joint War Office and Admiralty Committee for the exclusive use of the British Army, Navy, Indian and Colonial Forces, and is described by the First Lord of the Admiralty as being the most efficient weapon of the kind."—Vide "TIMES."

Price **$50.00**

WEBLEY BISLEY .455 TARGET REVOLVER

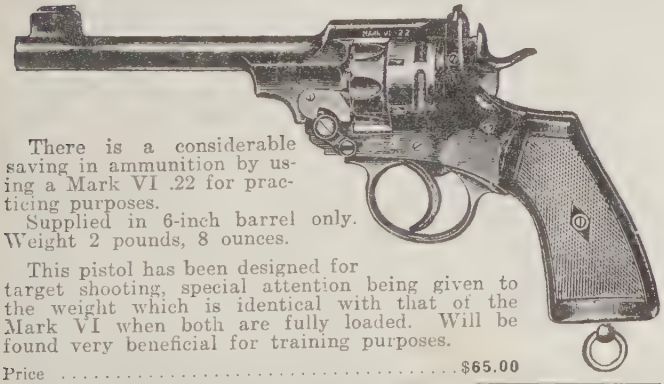


Barrel 7½"
Weight 2 lb. 6 oz.

This revolver is specially designed to meet the requirements of Mounted Troops, and is the outcome of experience directed to attaining the greatest possible power, efficiency, quickness and safety. Attention is called to the fact that, for general handiness and serviceability, the Webley Revolvers are admitted to be far superior to all other makes on the market, and, as the lock actions are made of the best crucible steel, properly hardened and tempered, a uniform weight of pull-off can be ensured, whereas in revolvers in which inferior materials are employed this is not the case. All the parts in this revolver are the same as the Mark VI Service Model, and are interchangeable. The handle can be in either walnut or vulcanite.

Price **$50.00**

WEBLEY "MARK VI" .22 TARGET REVOLVER



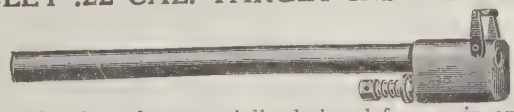
There is a considerable saving in ammunition by using a Mark VI .22 for practicing purposes.

Supplied in 6-inch barrel only. Weight 2 pounds, 8 ounces.

This pistol has been designed for target shooting, special attention being given to the weight which is identical with that of the Mark VI when both are fully loaded. Will be found very beneficial for training purposes.

Price **$65.00**

WEBLEY .22 CAL. TARGET INSERT BARREL



These tubes have been specially designed for use in any Webley Extracting Revolver of either .450 or .455 caliber. They permit of very accurate Target Practice being made, and are made to take the .22 long rifle cartridge, which gives excellent results.

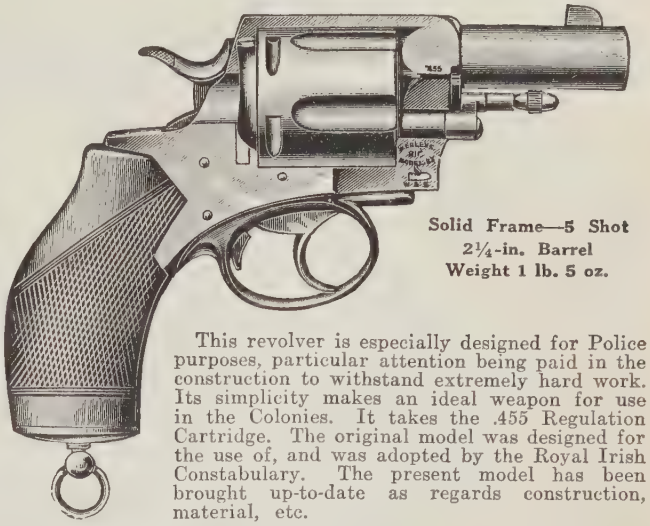
These tubes can be supplied for the Mark VI, 4, 6 and 7½ inches.

To convert the revolver, remove cylinder and insert tube in barrel.

In ordering, it is only necessary to describe the model and length of barrel of the revolver with which the tube is intended to be used.

Price **$20.00**

WEBLEY "BULLDOG" IRISH CONSTABULARY



Solid Frame—5 Shot
2¼-in. Barrel
Weight 1 lb. 5 oz.

This revolver is especially designed for Police purposes, particular attention being paid in the construction to withstand extremely hard work. Its simplicity makes an ideal weapon for use in the Colonies. It takes the .455 Regulation Cartridge. The original model was designed for the use of, and was adopted by the Royal Irish Constabulary. The present model has been brought up-to-date as regards construction, material, etc.

Price **$40.00**

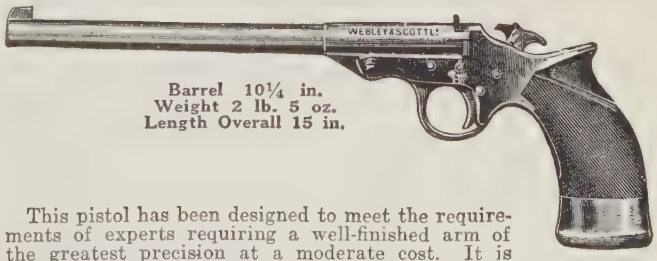
WEBLEY "MARK III" .38 POLICE & MILITARY

This revolver is used extensively throughout the British colonies as standard police weapon.

Weight 1 pound, 5 ounces; overall length with 4-inch barrel 9½ inches; six shots; supplied with 3 or 4-inch barrel with small, medium, or large grips of walnut or vulcanite. Suitable for S. & W. 145 gr. cartridge.

Price **$50.00**

WEBLEY .22 SINGLE SHOT TARGET PISTOL



Barrel 10¼ in.
Weight 2 lb. 5 oz.
Length Overall 15 in.

This pistol has been designed to meet the requirements of experts requiring a well-finished arm of the greatest precision at a moderate cost. It is specially regulated to shoot the .22 Long Rifle Cartridge, but for indoor work, excellent shooting can be obtained with the .22 Short Cartridge and .22 Bulleted Cap. An ideal combination arm. Can be used either as a pistol for target work or as a short rifle making an extremely close diagram at 150 yards.

Price **$32.00**

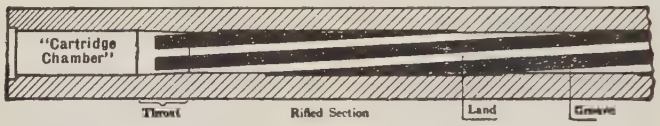
ELEMENTARY BALLISTICS

IN order that the shooter may thoroughly comprehend, choose, and enjoy his hobby, it is necessary that he have at least an elementary knowledge of ballistics.

Ballistics is a term used to describe the movement and property of the bullet from the time it leaves the shell case until it reaches its destination. Ballistics are divided into two groups, internal and external. Internal ballistics have to do with the bullet while still in the barrel; external ballistics have to do with the bullet after leaving the muzzle of the gun. The blow of the firing pin upon the primer ignites the priming mixture much in the manner that an ordinary match ignites when the tip is struck or scratched. The flash of the primer in turn ignites the powder which is instantaneously converted into gas, causing very high pressure in all directions. The base of the bullet, being the only surface offering little resistance, gets the full benefit of the gas pressure and is forced out of the shell case into the bore of the gun and driven at high speed out of the muzzle. The more progressive or slow burning the powder, the less jarringly the conversion from powder to gas takes place, and the more gradual and further from the chamber is the point of maximum pressure. The pressure exerted by the gas is expressed in atmospheres, or more commonly in pounds per square inch. Normal pressure in the 30/06 barrel is, for example, 45,000 pounds (15 tons) per square inch, and the Springfield Armory proof load for testing of the rifle is 68,000 pounds.

TRAJECTORY

For different types of firearms different powders are necessary, for example, a powder suitable for a long barrel may be quite unsuited for use in a short barrel, as a portion of the powder would not be burned until after the bullet had left the muzzle, thereby causing great loss in velocity and energy. Consequently the shorter the barrel, the greater the muzzle pressure, the louder the report, and usually the muzzle blast.

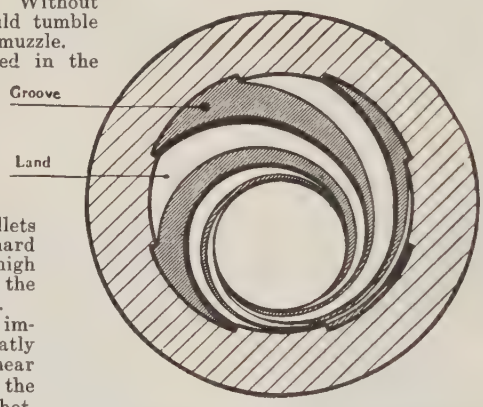


CROSS SECTION VIEW OF RIFLE BARREL

When the bullet enters the barrel, it engages the rifling and is forced into rotation. Without this rotation, any cylindrical bullet would tumble and have no accuracy upon leaving the muzzle.

The rate of twist is usually expressed in the number of inches required for any single land or groove to make a complete turn. The U. S. Springfield, for example, has a 10-inch twist. The depth of the grooves and the rate of twist varies with the type of bullet and the velocity. In general, barrels for lead or light copper jacketed bullets have deeper grooves than for those with hard cupro nickel jackets such as used in all high velocity cartridges. In general also the faster the twist the faster the cartridge.

A minimum barrel, extra wide grooves, improper shape of the conical shoulder greatly increases the pressure, concentrate it near the chamber and cause disturbances in the barrel affecting the accuracy of the shot. External ballistics.



CROSS CUT VIEW OF BARREL

The muzzle velocity is given in foot seconds, representing the number of feet the projectile would travel in one second if it continued at the same rate as when leaving the muzzle. Since the bullet is subject to two forces, air resistance and gravity, the speed of flight begins to drop at once. The speed with which the bullet continues to travel is dependent upon the weight and form of the bullet, also upon the wind.

The flight of the bullet from muzzle to point of impact is in the form of a curve, with the highest point about 54 per cent of the way toward the target. The greater the distance of the target the more the muzzle must be elevated to provide against a drop short of the target. Point blank range is that range at which the bullet travels practically flat and before any perceptible drop due to air resistance or gravitation has taken place and coincides with the line from muzzle to target.

High velocity cartridges are those where the velocity is such that the height of the trajectory over a line drawn from muzzle to target is very low. High velocity increases accuracy and makes the altering of the rear sight for small differences in range unnecessary. It follows that the higher the velocity, the greater the point blank range.

At the moment of leaving the muzzle, the base of the bullet is subjected to an uneven push from the gas escaping directly behind it, and because the bullet is no longer guided by the barrel. This is detrimental to its balance and causes the base of the bullet to pendulate or "yaw." The degree of swing from the perpendicular is referred to as the "angle of yaw," and it is for this reason that a high velocity cartridge cutting a target at close range will keyhole, and its penetration be less than at a greater distance, because a well constructed bullet will rapidly lose its yaw and settle to a regular flight. The amount of yaw is directly influenced by the length of the bearing surface of the bullet against the barrel. The shorter this surface, the greater the angle of yaw. For this reason a long round nose bullet has more penetration at short range than a boat tail sharp pointed or Spitzer type. In general a full jacketed bullet has double the penetration of one of similar shape with soft nose.

The muzzle report is caused by escaping gas striking the air. The bullet report is caused by the piling up of air in front of the bullet. At a distance, only the bullet report is heard, behind the gun the sound heard is a combination of both.

The muzzle flash is the dark reddish flash in front of the muzzle caused by powder not completely consumed in the barrel. A peculiar phenomenon familiar to all shooters, is the brilliant bluish ball of fire, usually known as the muzzle blast. When the highly heated gases strike the air they combine with it to create an explosive mixture which in turn explodes, intensifying the muzzle and bullet reports, all of which are heard as one by the shooter.

The amount of muzzle flash and blast varies according to bullet, powder, and barrel length.

DEVELOPMENT OF THE SPRINGFIELD SERVICE RIFLE

The Springfield Arsenal was opened shortly prior to 1799, when the first American army musket was built there. It was a copy of the French Charlesville rifle, caliber .69, shooting a one ounce ball with a muzzle velocity of 900 foot seconds. With a few changes, all arms built at Springfield were .69 caliber, until 1842 when the first rifling was introduced and a spherical bullet used. The caliber was next reduced to .58, doubling the effective range from 250 to 500 yards.

In 1866, the first .50 caliber metal cartridge was employed, but lasted only until 1873 when it was reduced to .45 caliber. This rifle stayed until 1893, when the Krag was introduced in the successive models of 1892, 1894, and 1898. The Krag, in turn was discontinued in 1905, when the present day model of 1903, built on the pattern of the Mauser Model 1898, of which it is partly a copy and partly a modification, was adopted.

In 1905, attention was given the Mauser Spitzer bullet, which was adopted in 1906, and one thread was removed from the barrel, reducing the original length from 24 to 23.79 inches. The Spitzer type 1906 cartridge has double the accuracy and about 30 per cent greater velocity, energy, and range than the original 1903 cartridge.

Since 1906 the development has not been in the mechanical features of the rifle, but in the quality of materials used and the ammunition. For this reason the purchaser of a Springfield rifle should see to it that his rifle, if made at Springfield, has a serial number over 800,000; at Rock Island, over 285,507.

We call attention to this because all actions under the respective numbers mentioned are destroyed and replaced when returned to Springfield. On the latest actions nickel and chrome vanadium steels are used, together with new processes of heat treatment which assure the greatest degree of safety to the shooter; such rifles are numbered from 1,275,767.

The present trend in army rifles is the automatic type, and the time is close at hand when all armies will be so equipped. Such rifles have already been produced at Springfield, chambered for the 30/06 cartridge and experimentally issued to troops.

This page reproduced from Stoeger Catalog Edition No. 27, 1936

Thompson Anti-Bandit Sub-Machine Gun

Specifications: Caliber .45 Weight 9 pounds, 11 ounces. Length 33 inches. Length of Barrel 12½ inches Equipped with Lyman sights and wind gauge. 20 cartridge capacity magazine. Ammunition caliber .45 Colt Automatic Pistol Ball Cartridges. Rate of Fire—600 shots per minute full automatically, or up to 100 aimed shots per minute semi-automatically firing single shots. Gun also with CUTTS COMPENSATOR (extra). This device stabilizes the gun when fired rapidly and reduces recoil to practically nothing. For Thompson Sub-machine Guns Model 1921, Cutts Compensators control the tendency of muzzle rising in full automatic machine gun fire.

The Thompson Anti-Bandit Gun is a new type of firearm combining the portability of a rifle with the effectiveness of a machine gun and was especially designed as an auxiliary to police departments and for the protection of Banks, Payrolls, Plants, Warehouses, Mines, Ranches, Railroads and Business Property of all kinds. Adopted and used by the U. S. Marine Corps, U. S. Navy Landing Forces, New York, Chicago, Detroit, Philadelphia, San Francisco, etc. Police Departments—Guaranty Trust Co., N. Y., and many Federal Reserve Banks, State Police, Texas Rangers, Northwest Mounted Police, National Guards and other law enforcement bodies or businesses.

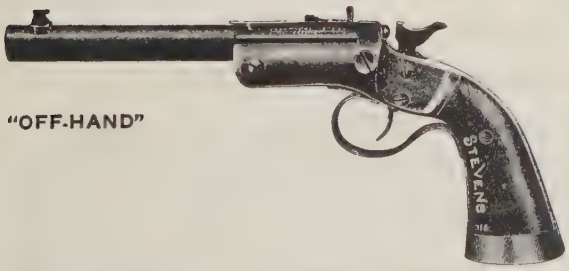
TAC Thompson Sub-machine gun complete with Cutts Compensator and one 20 Cartridge capacity box magazine.
Price ..... **$200.00 Each**

TAAC Thompson Sub-machine gun complete with 20 capacity box magazine but without Cutts Compensator.
Price ..... **$175.00 Each**

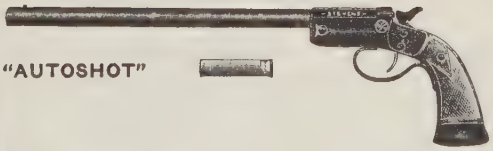
TAC 1 20 shot magazine, ball cartridges, box model ..... **$3.00 Each**
TAC 2 18 shot magazine for shot cartridges (special) ..... **$3.00 Each**
TAC 3 50 shot magazine, ball cartridges, drum model ..... **$21.00 Each**
TAC 5 Canvas web gun case (specify for TAC or TACC gun) ..... **$16.50 Each**
TAC 6 Canvas web belt only for carrying magazines ..... **$2.00 Each**
TAC 7 Canvas web base for 50 drum magazine ..... **$5.00 Each**
TAC 9 Four pocket web case for four 20 shot box magazine ..... **$5.00 Each**

Same prices for Carbine Model, shooting semi-automatically only. All sales subject to State and Federal Laws.

STEVENS SINGLE SHOT TARGET PISTOLS



"OFF-HAND"



"AUTOSHOT"

"TARGET"

"OFF-HAND

Barrel, Round with octagon breech. Blued.
Length, .22 caliber, 6 inch and 8 inch.
Action, Single shot. Stevens famous tip-up frame blued, positive extractor.
Sights, .22 caliber; adjustable flat top rear, and bead front.
Stock, Selected black walnut.
Weight, .22 caliber, 6 inch, 24 ounces; 8 inch, 28 ounces.

No. 35—.22 Long Rifle, 8 inch ..... Price $12.50
No. 35—.22 Long Rifle, 6 inch ..... Price $12.25

"AUTOSHOT"

Barrel, Round with octagon breech. Blued. Full choked.
Length, .410 Gauge, 8 inch and 12¼ inch choked bored.
Action, Single shot. Stevens famous tip-up frame, blued, positive extractor.
Sights, shotgun front.
Stock, Selected black walnut.
Weight, 8 inch, 23 ounces; 12¼ inches, 25 ounces.

No. 35. .410 Gauge Shot ..... **Price $12.00**

STEVENS "TARGET"

Barrel, Blued. Length, 8 inch.
Frame, Blued finish. Tip-up.
Action, Single shot, coil springs, positive extractor.
Sights, Open front, open rear with elevation and windage adjustments. Specially designed for target shooting. Distance between sights 10 inches.
Stock, Hard rubber, checkered. Length over all 11½ inches.

No. 10. .22 Long Rifle. Weight 36 ounces ..... **Price $15.00**

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

WALTHER

Model 51
.177 CALIBER AIR RIFLE

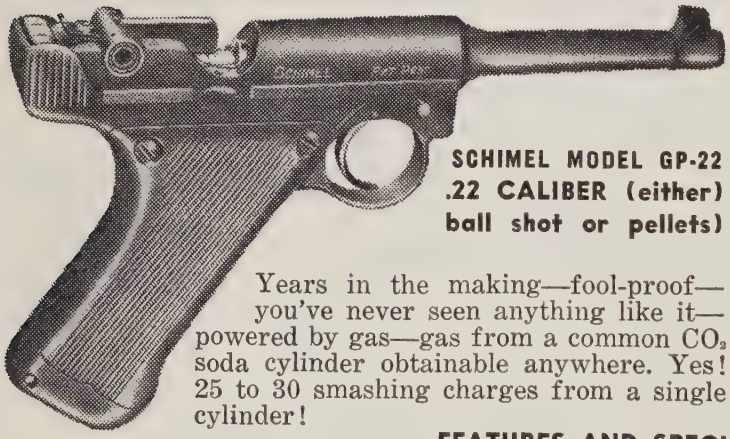
$34.00

It is with great pleasure that we announce that we have resumed our prewar exclusive sales arrangements with the world famous Carl Walther factory. The trade mark "Walther" is synonymous with the very finest in precision sporting arms. This new air rifle represents the first postwar product of this famous concern which is now being reestablished. Bearing in mind the enviable world-wide reputation. the Carl Walther factory determined to make the finest possible air rifle and in this they have succeeded in producing an air rifle which is unapproached by any competitor.

Some of the outstanding features of their new Model 51 which for the present is only produced in cal. .177 are the following:

1. Cocking	In spite of an extremely strong and efficient spring of highest quality the gun may be cocked with surprising smoothness and ease.
2. Trigger	So arranged that it has adjustable double pull as on the finest match rifles. This insures especially accurate and consistent groups.
3. Trigger parts	Because of the necessary precision only the highest quality forged material is used.
4. Barrel gasket	Of a special material easily replaced by any amateur assuring consistent regular penetration.
5. Sights	Developed and built as a result of decades of experience and with the cooperation of some of the world's best known Target Shooters. The rear sight is adjustable for windage and elevation and has a clearly legible scale (peep sights will be available at a later date at an extra cost).
6. Welding	The use of welding on any parts has been completely eliminated in order that this type of work may not unfavorably influence the accuracy.
Weight	About 6 pounds
Overall length	About 42"

Now! A REVOLUTIONARY NEW SCHIMEL GAS PISTOL



$20.00

SCHIMEL MODEL GP-22
.22 CALIBER (either ball shot or pellets)

POWER . . . BALANCE . . .
ACCURACY . . . BEAUTY . . .
PERFORMANCE WITHOUT PEER,
EQUAL OR COMPARISON . . .
AUTHENTIC LUGER TYPE.

Years in the making—fool-proof—you've never seen anything like it—powered by gas—gas from a common CO_2 soda cylinder obtainable anywhere. Yes! 25 to 30 smashing charges from a single cylinder!

FEATURES AND SPECIFICATIONS

1. HAMMERLESS—no shock or recoil to destroy aim.
2. New patent principles of gas release and of metering charges as well as entirely new design compression chamber give direct smashing power.
3. Leakage and "blow-back" impossible—special loading bolt provides PERFECT SEAL.
4. No pumping — requires one movement only to charge.
5. There are several brands of the common CO_2 (gas) soda "bulbs," "cylinders" and/or "cartridges" on the market in common usage. They may be purchased in hardware, variety, drug, beverage, sporting goods and hobby-model stores, etc. The pistol is designed to use this "standard" item.
6. Requires one movement only to load.
7. NO MUZZLE HEAVINESS—Perfect balance.
8. Precision rifled barrel.
9. POSITIVE SAFETY.
10. Serially numbered—full factory warranty.
11. Single shot—shoots either .22 cal. pellets or .22 cal. lead ball shot.
12. Moulded grip plates.
13. Adjustable rear sight.
14. Precision-built throughout—simple in construction.
15. Barrel length 6 inches—overall length 9¼ inches—maximum width 1¼ inches—overall height 5⅜ inches—length of line of sight 8 inches—weight: standard pistol weight.
16. Finish: real gun-blue.

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

THE STOEGER-HAENEL AIR PISTOLS

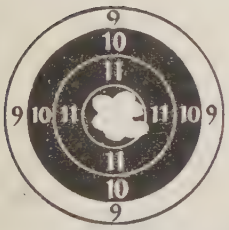
Model 26 was designed to meet the demand for a moderate priced air pistol of quality construction affording sufficient power and accuracy for small game shooting and target practice. In Model 26 are embodied the fine features to be found only in a Haenel gun . . . the patented valve construction that requires no pumping . . . perfect balance. The barrel is rifled—a Haenel feature which is also found in real fire-arms. Model 26 is preferred by junior sportsmen and others who favor its light weight and easy cocking feature. No pumping is required of any Haenel Air Pistol or Air Rifle. The patented Haenel valve construction requires only one movement to give a gun its tremendous power. This power is of constant evenness.

MODEL 26

Price $9.00

SPECIFICATIONS

BORE: .177 Caliber
LENGTH OF BARREL: 4⅛"
LENGTH OVERALL: 10"
WEIGHT: 1½ lbs.
SIGHTS: Adjustable
STOCK: Natural wood, grooved
BARREL: Rifled, 12 grooves
SHOOTS: Hornet pellets and darts



Model 28 is one of the finest pneumatic pistols ever designed. For extraordinary POWER and ACCURACY it is without equal. Sportsmen and hunters who desire a powerful weapon for small game shooting and target practice, without using powder ammunition, find Model 28 ideal for their purposes. In Model 28 is found that rare combination of qualities which marks the ideal small bore arm . . . balance, range, accuracy, power and ease of handling. Fine selected heavy gun steel is accurately gauged and burnished a deep black. The patented Haenel air valve and chamber assure absolute compression of equal force at all times.

MODEL 28

Price $15.00

SPECIFICATIONS

BORE: .177 and .22 calibers
LENGTH OF BARREL: 4¼"
LENGTH OVERALL: 10"
WEIGHT: 2½ lbs.
SIGHTS: Adjustable
STOCKS: Polished walnut
BARREL: Rifled, 12 grooves
SHOOTS: Ribbed pellets and darts
POWER: Penetrates ⅜" pine at 30 feet

STOEGER'S HORNET PELLETS

Stoeger's Hornet Pellets represent the best pellets available. They are English made, of the very finest quality pure virgin lead, perfectly shaped, pressed to correct size, and double checked for accuracy.

These pellets have been made up especially for the Webley Air Pistols, and the Webley, Stoeger, and Crosman Air Rifles. With any of these arms best results will be had through the use of Stoeger's Hornet Pellets, but these pellets may also be used in practically all other high power air guns of calibers .177 (4.25 m/m) or .22 (5.6 m/m).

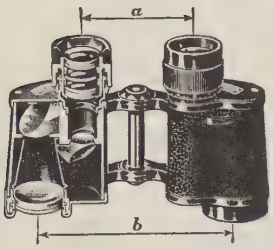
CALIBER .177
Price per 1,000 . $1.25

CALIBER .22
Price per 1,000 . $1.75

As will be seen by the illustration of the pellets, they are spool-shaped, with the top rounded and closed, while the bottom is open and hollow. The head of the pellet guides it through the barrel, and the flange enters the rifling, thus giving it the proper spin necessary for accuracy and velocity. The sides of the pellets are ribbed.

Stoeger's Hornet Pellets are attractively packed in boxes of 500 in .22 caliber, and 1,000 in .177 caliber.

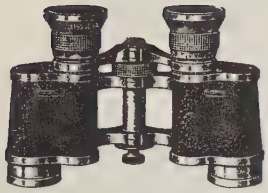
This page reproduced from Stoeger Catalog Edition No. 31, 1939.



Path of Rays in Zeiss Binoculars

CARL ZEISS JENA

Prism Hunting Binoculars



Telexem 6 X Magn. Universal Glass

The superiority of Zeiss Prism Binoculars lies in the material, the scientific construction and the workmanship. For hunting purposes a 6 - 8 times magnification is best recommended. A new feature of the Ziess Binoculars is their large field of view. It enables the eye to locate an object much more quickly and renders it easy to follow a swiftly moving object, such as a deer on the run or other rapidly moving game. For hunters the light transmitting power of the binocular, dependent on the diameter of the objective, is a deciding factor in failing light. The glasses pictured here are distinctive for this feature.

Binoctar 7 X Magn. Night and Marine Glass

BINOCULARS WITH INDIVIDUAL FOCUSSING EYEPIECES

Linear Magnification	Diameter of objectives mm	In black or tan leather case		In soft leather pouch	
		Codeword	Price	Codeword	Price
6X	24	Telex	$ 47.00	Telexwe	$46.00
6X	30	Silvamar	60.00	Silvamarwe	58.50
7X	50	Binoctar	90.00	..	..
8X	24	Delturis	58.00	Delturiswe	56.50
8X	30	Deltrentis	66.00	Deltrentiswe	64.50
8X	40	Delactis	86.00	..	..
10X	50	Dekar	114.00	..	..
12X	40	Telonar	86.00	..	..
16X	40	Telsexor	86.00	..	..
18X	50	Delfort	120.00	..	..

Silvamar 6 X Magn. Hunting and Marine Glass

Deltrintem 8 X Magn.

BINOCULARS WITH CENTRAL FOCUSSING ADJUSTMENT

6X	15	Teletur	$ 47.00	Teleturwe	$47.00
6X	24	Telexem	53.00	Telexemwe	52.00
6X	30	Silvarem	66.00	Silvaremwe	62.50
8X	24	Delturisem	64.00	Delturisemwe	70.50
8X	30	Deltrintem	72.00	Deltrintemwe	64.50

Deltrentis 8 X Magn.

This page reproduced from Stoeger Catalog Edition No. 11, 1929.

Rifle Telescopes for Hunting

ZEISS ZIELKLEIN—Magnifying 2¼ X

The Zeilklein telescope with its magnifying power of 2½x is a particularly economical special model for Sporting and Small Bore rifles. Thanks to its large field of view, its great light gathering power and light weight, it is, morever, excellently adapted for use with light or high power rifles for shooting running game.

Graticule Standard No. 1. Other graticules to order at added cost.

Luminosity 64; field of view at 100 yards, 12 1-2 yards. Weight 8 ounces. Length 10 inches.

Price $25.00

ZEISS ZIELSECH—Magnifying Power 6 X

Those who attach value to a magnification above 4X and at the same time wish to secure the highest attainable light-transmitting power which the human eye is capable of exploiting may be recommended to select the ZIELSECHS Sighting Telescope. This model is designed for use with medium-weight and heavy hunting guns and is well adapted for shooting under cover, and in pronounced twilight.

Graticule: Standard No. 1. Others at added cost. Luminosity 49; field of view at 100 yards, 7½ yards; weight 15 ounces. Length 12½ inches.

Price $52.00

ZEISS ZIELVIER—Magnifying 4X

To sportsmen who desire to possess one telescope only, we recommend the Zielvier Model. The magnifation of 4X suffices for most requirements of stalking and shooting under cover. Its high light gathering power of 59.3 renders it available in twilight.

Graticule: Standard No. 1. Other graticules to order at added cost. Sharp focusing by the wing on the knurled knob.

Length 10⅝ inches. Weight 12⅛ ounces. Field of view at 100 yards 10.8 yards.

Price $45.00

ZEISS ZEILMULTI—Magnification 1 to 4 X

This instrument is a universal sighting telescope for medium-weight and heavy hunting guns. This is an extraordinary advantage when aiming at running game. According to the nature of the sport, the range, and the state of the light, the telescope may promptly be set to the magnification which at the moment may be deemed most suitable.

Graticule: Standard No. 1. Others at added cost. Luminosity from 36 to 100; field of view at 100 yards from 6.5 to 22.4; magnification from 4X to 1X. Length 10½ inches. Weight 18½ ounces.

Price $66.00

ZEISS GRATICULES FOR ZEISS RIFLE TELESCOPES ONLY

Graticule No. 1 St'rd. Graticule — Graticule No. 2 — Graticule No. 3 — Graticule No. 4 — Graticule No. 5 — Graticule No. 6

SPECIAL GRATICULES ON NEW ZEISS TELESCOPES

Graticules of other than the standard type No. 1 are subject to the following additional prices:

For Graticule No. 2, 6 or cross-hair	$2.50
For Graticule No. 3, 4 or 5	3.50
For Graticule of special design	4.50

GRATICULES CHANGED OR INSTALLED ON ZEISS TELESCOPES ONLY

Standard Graticule	$7.00
Graticule No. 2, 6 or	7.50
Graticule No. 3, 4 or 5	8.00
Graticules of special design	9.00

HENSOLDT ZIELKLEIN 2¾ X

Ideal small caliber telescope. Diameter of objective 22 m/m; luminosity 40; field of view at 100 yards 8 yards. Diameter 22 m/m; length 8⅝ inches. Weight 9 ounces. Price $25.00

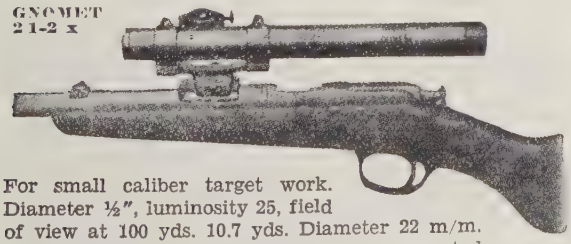
All Hensoldt Telescopes can be obtained with the New Hensoldt Internal Windage Adjustment at $6.00 additional.

HENSOLDT ZIELYT 2¾ X

A compact scope, suitable for all around hunting and target work. Luminosity 45; field of view at 100 yards 14.5 yards. Objective 22 m/m. Length 8⅝ inches. Weight 10 ounces. Price $32.00

Price Hensoldt Zielvier 4 X $38.00

GNOMET 2 1-2 x

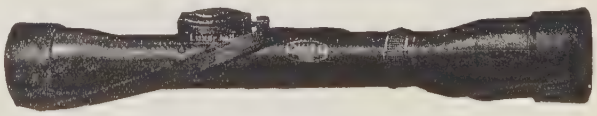


For small caliber target work. Diameter ½", luminosity 25, field of view at 100 yds. 10.7 yds. Diameter 22 m/m. Length 8⅞". (Illustration shows scope mounted with No. 560 mount). **Price** $17.50

OIGEE

Standard Graticule for Hensoldt and Oigee

LUXOR-HELL



This new and sensational Oigee "Luxor-Hell" is of unsurpassed brilliance, offering the tremendous luminosity of 81; field of view 11 yards at 100 yards; 36 m/m objective. Length, 12 inches. Weight, 16 ounces. Recommended for medium and heavy hunting rifles.

Price $45.00

This page reproduced from Stoeger Catalog Edition No. 18, 1933.

RIFLE TELESCOPES—FOR BETTER SIGHTING

For modern long distance shooting, telescope mounted rifles have no equal. The Telescope will be found a most useful addition to a rifle where only long shots are obtainable and where the game is frequently of a color resembling its surroundings. It can be used, and effective aim taken, in bad lights or twilight, when with the ordinary sight the objective cannot be seen. It also enables the shooter to pick out the best head when several animals are in the field of view.

The Telescopes are fitted with an adjustable screw disc which elevates or depresses the cross wire and the different elevations are shown on the dial. The dial on sporting rifle Telescopes is usually marked for 100, 200 and 300 yards, but can be marked for longer ranges if ordered. There is a small locking screw to fix the dial in any position, if required.

The Focus can be altered to suit. The Telescope can be instantly adjusted to the rifle, or as quickly removed by simply pulling the release. The ordinary sight can be seen and used (through the apertures in the Telescope mounts) when Telescope is on the rifle.

The whole field can be seen when the eye is about four inches from the eyepiece, thus avoiding all risk of receiving a blow from the Telescope when rifle recoils.

Genuine Mauser Factory Mounts

For Mauser Rifles we suggest whenever possible Genuine Mauser Factory Mounting—with all the advantages offered by the superior facilities to do the work and adjustments thoroughly during the trial shooting at the Mauser works.

Three-Barrel Combination Shot and Rifle Gun with Mounted Telescope

RIFLE TELESCOPES

The Mignon rifle telescope is known as one of the best telescopes made and we carry a large stock of them.

Mignon 2½X

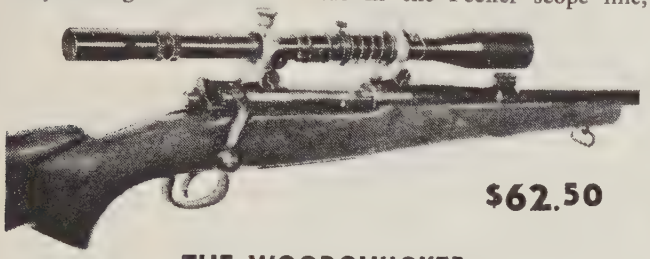
Mignon 4X

Mignon 6X

No. 570—Mignon 2½ power for small caliber rifles. We recommend this telescope especially for target shooting. ..... **Price $17.50**
No. 571—Mignon 4 power telescope for rifles and three barrel guns. ..... **Price $21.50**
No. 572—Mignon 6 power telescope for rifles and three barrel guns ..... **Price $25.00**

FECKER TELESCOPIC SIGHTS

Known and respected for more than twenty-five years by discriminating shooters everywhere, the Fecker Scope has proved its superiority in match after match because it is made of the best obtainable materials by craftsmen trained in the school of precision to take pride in producing an instrument of real worth. Since resumption of manufacture after 100% production for the armed forces during the war, many changes have been made in the Fecker scope line, notably increases in the size of the objective and a newly designed small game scope, known as the Woodchucker. Most forceful testimonial to the unsurpassed quality of Fecker Scopes is their increasing use by shooters who will have nothing but the best. Fecker stands squarely behind every scope produced and guarantees complete satisfaction or the shooter's money back.



$62.50

THE WOODCHUCKER

is custom built throughout, as are the other Fecker scopes.

This new small game scope has been introduced to meet the demand of the varmint shooter for a scope specifically designed both optically and mechanically to perform with the new high speed varmint loads and rifles. The 1.25″ objective provides sufficient illumination for early morning and late afternoon shooting, and the powers of 4.5, 5.5 and 7 are high enough to match cartridge range and requirements of the individual shooter.

The large objective, fully corrected, tested and coated, as are all the optical components, insures the resolving power needed to pick up small game against low contrast backgrounds.

The length of the scope is 16″, and the weight is 13.5 ounces.

The eye relief is from 2¾″ to 3″.

The mounts are Fecker precision micrometer plain type mounts with dehorned screws.

The field of view, for example, of the 4.5 power scope at 100 yards is 22 feet.

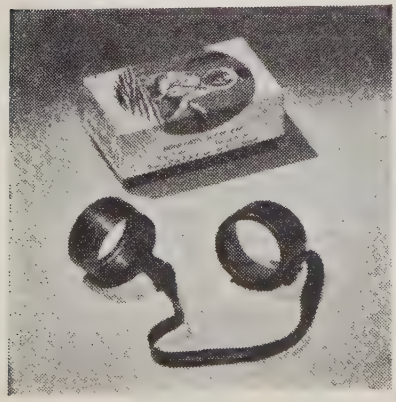
CONVERSIONS

Present owners of Fecker scopes may have their equipment rebuilt into the 1½″ and 1⅝″ scopes.

¾″ to 1¼″	**$20.00**	1⅛″ and 1¼″ to 1½″	**23.50**
¾″ to 1½″	**38.50**	1⅛″ and 1¼″ to 1⅝″	**28.50**
¾″ to 1⅝″	**43.50**	1½″ to 1⅝″	**22.50**

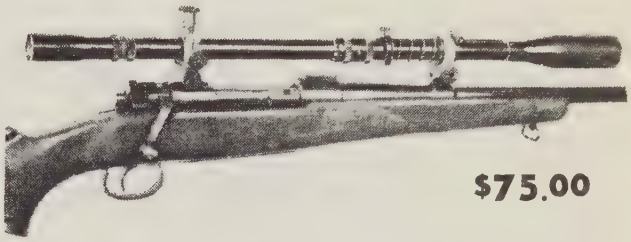
Included are cleaning, adjusting and rebluing.
If coated lenses are desired, add $10.00 to above prices.

HONEYWELL SCOPE CAPS



For KV-K2.5-K4-K6-Alaskan-Challenger Sportsmen are getting surefire results with Honeywell Scope Caps to help filter out haze. Interchangeable lenses: Normal shooting use clear; dark days or shadows use yellow; bright days use green.

Made of Polyethylene with Lucite lenses. (Meet Army Air Force requirements for optical use). Oil and acid resistant, it will protect your valuable scope from the elements, bumps, scratches, finger marks, dust, etc. **$3.00**

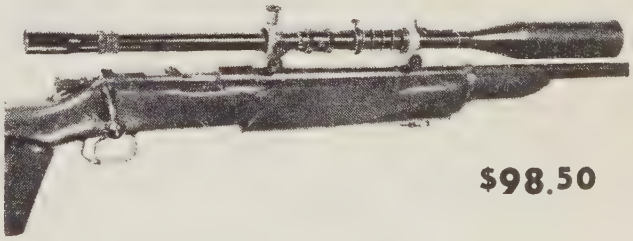


$75.00

THE FECKER 1¼ INCH TELESCOPE SIGHT

Many shooters asked for a scope with more light gathering power so that they could see their groups at longer ranges. The answer to this was the 1¼″ scope which takes in 2¼ times as much light as the ¾″ scope. All improvements in the target scopes are so designed that they can be added to the older scopes. The ¾ inch scopes can be converted to the 1¼ inch. This change can make the older scope equal to the new 1¼ inch scope.

An equally good score can be shot with any of the three types of target scopes, only the larger objective makes it so much EASIER to shoot the same high scores.



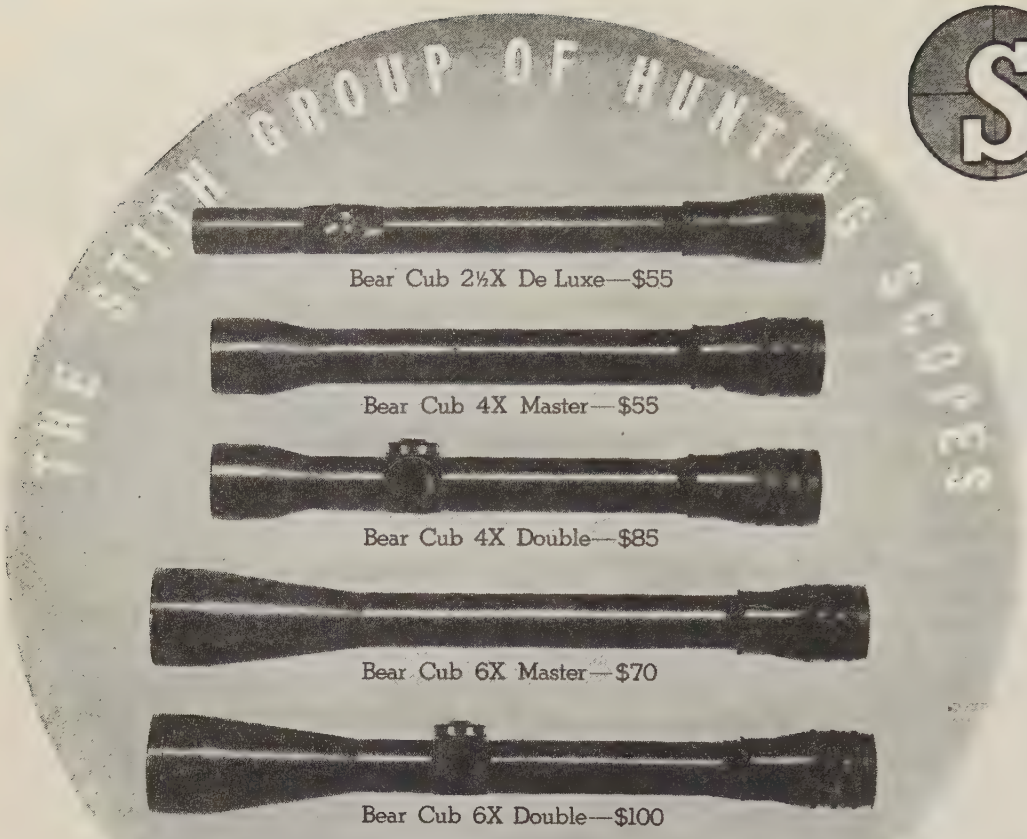
$98.50

THE FECKER 1⅝ INCH COMBINATION TARGET AND SPOTTING SCOPE

A new development in telescopic rifle sights, the 1⅝″ scope, offers the rifleman a superior combination of rifle and spotting scope. Providing 17% more illumination than the 1½″ scope, the larger 1⅝″ objective is ideally fitted to the high power scope demands of the critical match shooter. The 1⅝″ is the last word in championship match scope sights. Available in 10, 12, 16, 20, 24 and 30 power. With the added illumination and resolving power, this will spot under more difficult lighting conditions than any of the others. The scope is 26½″ long overall, and can be mounted on any target rifle.

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

STITH SCOPES & MOUNTS



Bear Cub 2½X De Luxe—$55

Bear Cub 4X Master—$55

Bear Cub 4X Double—$85

Bear Cub 6X Master—$70

Bear Cub 6X Double—$100

A COMPLETE LINE IN 2½X ★ 4X ★ 6X

NOTABLE FOR THE SPECIAL BRILLIANCE of target-image, these durable, handsome scopes will delight the most exacting rifleman. Whatever power Bear Cub you use, its wide, crystal-clear field gives you the nearest thing to effortless sighting.

SPECIFICATIONS

BEAR CUB	2½X	4X Double	4X Master	6X Double	6X Master
Actual Magnification	2½X	4.13X	4.13X	6X	6X
Clear aperture of objective lens	19 MM	32 MM	32 MM	41 MM	41 MM
Diameter of exit pupil	8 MM	7.5 MM	7.5 MM	6.8 MM	6.8 MM
Field of view at 100 yards	40 ft.	30 ft.	30 ft.	20 ft.	20 ft.
Light transmission	87.5%	86%	86%	86%	86%
Eye relief	3½" to 5"	3¼" to 4½"	3¼" to 4½"	3¼" to 4½"	3¼" to 4½"
Over-all length	11½"	11⅝"	11⅝"	13⅝"	13⅝"
Diameter of tube	⅞"	1.023"	1.023"	1.023"	1.023"
Length of tube between flared ends	—	6¾"	6¾"	6¾"	6¾"
Outside diameter of front end	⅞"	1.400"	1.400"	1.820"	1.820"
Outside diameter of eyepiece	31.2 MM	1.400"	1.400"	1.400"	1.400"
Weight	6¼ oz.	8⅝ oz.	7 oz.	10⅞ oz.	9¼ oz.

Reticules available: Crosshair; Post and Crosshair; Lee Dot ($10.00 extra in 2½X, 4X and 6X Master; $12.50 extra in 4X and 6X Double).

Both surfaces of all lenses are hard coated.

Adjustment dials graduated every ½ minute in 6X; 1 minute in 2½X and 4 X.

OPTICAL FEATURES

- Glass of unexcelled quality.
- Ground to minute lightwave tolerance.
- Clear, undistorted image from any position.
- Highest light transmission.
- All lens surfaces coated with high efficiency hard coating, the same as used for glare reduction in Navy instruments.
- Enables the hunter to look almost directly into the sun.

This page reproduced from Stoeger Catalog Edition No. 43, 1952

FOUR MOUNT DESIGNS . . .

each one notably successful in meeting the requirements of a specific rifle, the man who shoots it, and the field he hunts.

DOVETAIL MOUNTS

A sturdy popular-priced mount for use with double-adjustment scopes. Strong, dependable, light weight, neat appearance, easily installed. The split rings make it unnecessary to remove even the scope eyepiece. This mount is installed without drilling on Model 70-721-722 rifles.

Easy adjustment for eye relief by moving the bands on the bases, or by moving the scope in the bands.

STITH DOVETAIL MOUNTS are made for these rifles: Winchester 43, 52 Sporter, 54—70, 61, 63 the 69, 72 and 75 Sporters, and 74. Remington Models 121, 510, 511, 512, 521, 513 Sporter, 550, 721, 722 and 30. Marlin Model 39-A, Marlin 336. Springfield. Enfield Flat Base and Round Base, (Rem. 30). Mauser Models 98 and FN.

MASTER MOUNTS

Unique V-block design employing two sets of opposing screws. This is the ideal mount for the rifleman who wishes to:

1—Interchange two or more scopes on the same rifle

2—Interchange 1 scope on two or more of the rifles listed below:

WIN. M70-F54; REM. M721-722 SAV. M99; SPRINGFIELD-ENFIELD, MAUSER

STITH SCOPES & MOUNTS

Bands are made for ¾", ⅞", 1" and 1.023 (26mm) scopes, the latter for use with Stith 4X and 6X Double scopes, and with the Challenger scope. Price **$15.00.**

Scope bands available in ¾", ⅞", 1" and 1.023".

Prices, Master Mount, ...**$27.50**
Extra Scope Band.....**$ 6.50**
Extra Bases, per set **$21.00**

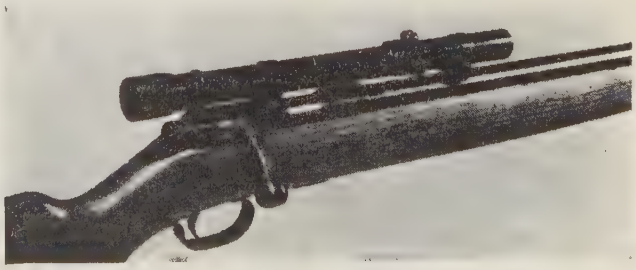
INSTALL-IT-YOURSELF MOUNTS

The mount you can attach yourself with perfect results. Widespread bases and the famous Stith shield combine to give you strong, protective scope equipment that looks like an integral part of your rifle.

Mounts to fit all popular scopes for these rifles: SAV. M99, WIN. M70-M54, REM. M721-722. **Price, $15.00.** REM. M 513S-J2.5 & Marlin M81-J2.5. **Price, $12.00.**

22-22 MOUNTS

Compact finely machined 2-ring mounts, efficient and economical. Made for practically all .22 cal. rifles, in ¾", ⅞" and 1" rings. Price, **$8.00.**



Give your boy a good scope in a 22-22 mount. You'll both make a hit.

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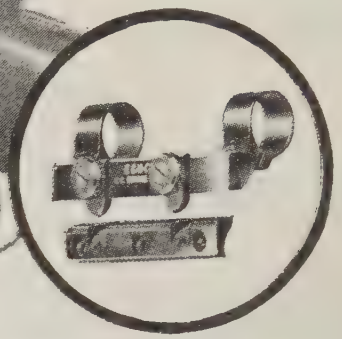
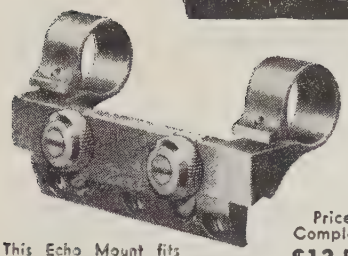
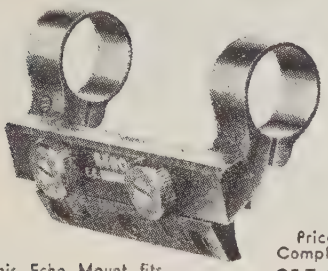
The ECHO Bracket is machined from solid one-piece, Aircraft-quality, Heat-treated Aluminum—the Base Clamp Lugs, and Screws made of finest steel—all in beautiful non-reflecting finish.

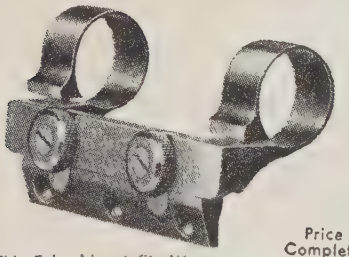




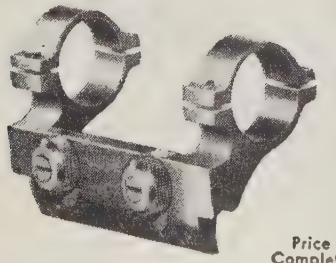
This Echo Mount fits ¾" scopes . . . . . Price Complete **$12.50**



This Echo Mount fits ⅞" scopes . . . . . Price Complete **$15.00**



This Echo Mount fits Weaver K2·5 scopes . . . . . Price Complete **$15.00**



This Echo Mount is made in 2 sizes to fit Weaver K-4 and K-6, also made to fit Lyman Challenger . . . . . Price Complete **$17.50**

No Other Mount Has All These Features

1 Low scope position . . . in exact center for normal sighting. **2.** Dovetail side-anchor, grooved along the entire length that fits into correspondingly shaped base. Powerful recoil-absorbing, double-locking lugs . . . These lugs are tightened or loosened without the aid of tools or coins. **3.** The Echo base is more compact and less noticeable than any other mount. Does not interfere with normal function. **4.** Scope slips into place in a few seconds, and the mount positively goes back to zero every time. **5.** Quickly detachable to permit the use of metallic sights, and for safety in storage and transportation. **6.** No loose parts to lose . . . base firmly mounted on the rifle. **7.** Machined to fit specific rifle models. **8.** All Echo brackets are interchangeable with any Echo base, thus permitting the use of one scope on several rifles. **9.** Light weight (weighs only 4½ ozs.) yet, sturdy enough to stand the gaff of excessive recoil.

ECHO BASES are made to fit receiver contours of specific rifles

EXTRA BASES RETAIL PRICE **$4.00**

Once the bases listed below are installed on the rifles, any of the Echo Scope holding brackets can be used on that rifle.

- * 1 DC Winchester 70 & 54
- * 2 DC Remington 720, 30, Enfield, Savage 40 & 45
- * 3 DC Springfield '03 and FN Mauser without thumb slot
- * 4 DC Mauser 98 Military (Enlarged receiver) and FN Mauser with thumb slot
- 5 DC Mauser carbine (Straight receiver)
- * 6 DC Savage 99
- * 7 DC Remington 141 & 14
- * 8 DC Remington 81 & 8 offset scope
- 9 DC Marlin 36, 93, & 336
- *10 DC Winchester 94, 92, 64 and 65 offset scope
- 11 DC Mannlicher Schoenauer
- *12 DC Remington 721 & 722
- 13 DC Stevens 325
- 14 DC Winchester 71 (.348) & 86 offset scope
- 15 DC Winchester 95 offset scope
- *16 DC Springfield '03 with Pederson slot
- 17 DC Mauser G 33-40
- *18 DC Winchester 94 to fit right hand side of action
- 21 DC Winchester 70 & 54 High base to clear Lyman 48 sight
- 22 DC Remington 720, 30, Enfield, Savage 40 & 45 to clear iron sight
- 23 DC Springfield '03 to clear iron sight
- 24 DC Mauser 98 to clear iron sights
- 25 DC Mauser carbine to clear iron sights
- 26 DC Remington 721 & 722 to clear iron sights
- 27 DC Springfield '03 with Pederson slot to clear iron sights
- *50 DC Winchester 52 with 48 Lyman Sight (low)
- *51 DC Winchester 52 with Winchester target sight (High)
- *52 DC Winchester 75, 72, & 69 A
- *53 DC Winchester 61
- *54 DC Winchester 63
- *55 DC Remington 121
- *56 DC Remington 241
- *57 DC Remington 513, & 521
- *58 DC Marlin 39 A

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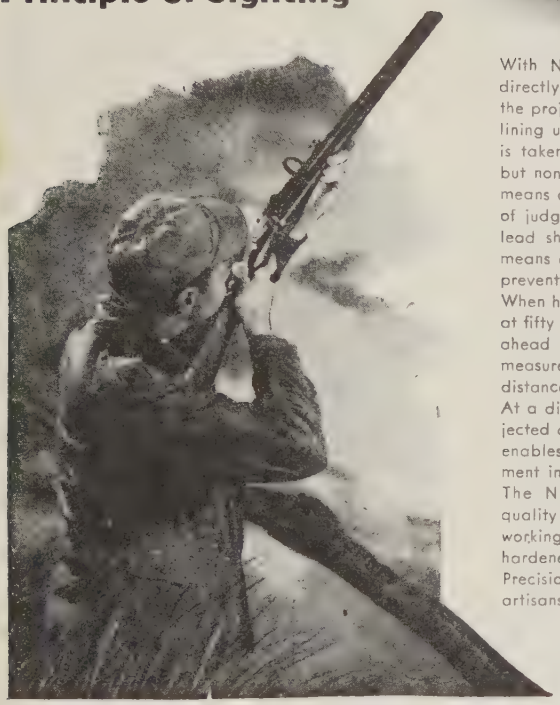
Nydar

New Principle of Sighting



With Nydar, a shotgun is sighted by looking directly through the reflector plate to see that the projected ring and dot are on the target. No lining up of gun or sights is necessary since this is taken care of automatically. This illusionary, but nonetheless definite pattern, also provides a means of gauging the correct shooting distance, of judging the correct point at which to fire in lead shooting . . . provides the hunter with a means of checking on his mistakes . . . helps to prevent wasting of shells and crippling of game. When hunter sights passing game, projected ring at fifty yards distance is, approximately, two feet ahead or behind projected dot. Proportionate measurements hold good for closer or farther distances.

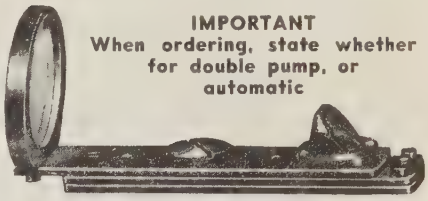
At a distance of fifty yards from the game, projected dot is approximately one foot across. This enables the hunter to use the best possible judgment in firing at various types of game.

The Nydar gunsight, containing the finest quality Swain Nelson precision lens and prisms working in combination, is constructed of hardened tool steel . . . blue-steel finish. Precision-made throughout by highly skilled artisans, each Nydar shotgun sight is carefully inspected and tested before shipment, to provide the greatest service and satisfaction to user.

The Nydar Gunsight is basically a unique optical system which makes it possible and practical to equip any shotgun with a Reflector Type sight. The Reflector Sight was universally used by the Allies to direct the fire of aircraft guns throughout the war.

Device developed around precision optics, brings a new fascination, interest and accuracy to shotgun shooting.

IMPORTANT
When ordering, state whether for double pump, or automatic

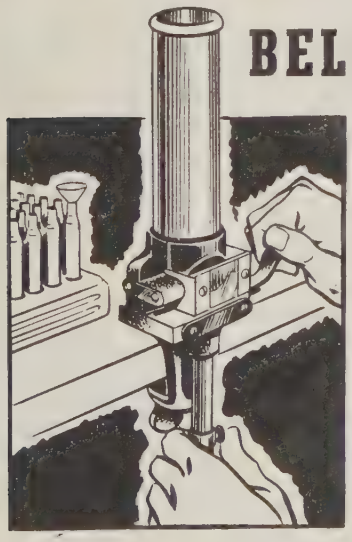


Nydar Gunsight—Model 47, complete with instructions, **$27.45**

Model 47 Nydar Shotgun Sight for:

No.		Price
61-11-05	(a) Most Double Barrel Shotguns. (b) Most Over & Under Type Shotguns with rib	$19.95
61-11-17	Extra Mount	6.75
61-11-06	(c) Most Automatic shotguns, with or without ribbed receiver. (d) Most slide action repeating shotguns (pump guns), with or without ribbed receiver	19.95
61-11-18	Extra Mount	6.75
61-11-07	(e) Most single shotguns, (f) Most Over and Under Shotguns without rib. (g) Most Bolt Action Shotguns.	19.95
61-11-28	Extra Mount	6.75
61-11-13	Nydar Shotgun Sight Leather Case	3.60
61-11-30	Large Coin-Slotted Thumb Screw	.30

BELDING and MULL RELOADING TOOLS

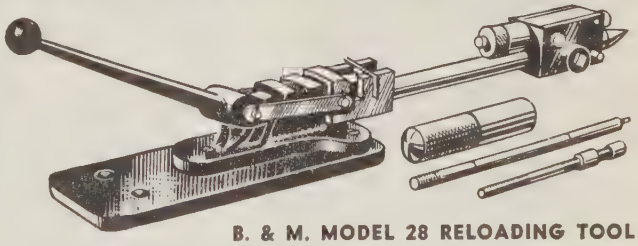


B. & M. VISIBLE POWDER MEASURE

Powder measure is absolutely dependable and very simple to operate due to its unique construction. The charge tube or measuring chamber, is graduated in numbers from one to thirty-five and is easily adjusted by means of a thumb screw.

With each powder measure a table is supplied, which lists all powders for the weight of each kind of powder and how to set the measure for the correct amount of grains for each kind, weight 3½ lbs.

Price **$12.50**



B. & M. MODEL 28 RELOADING TOOL

Price $19.50

The Model 28 Tool represents the most recent development in B & M Reloading Tools. It decaps, reprints, resizes case necks and can be had with attachments for seating bullets, accurately performing all necessary reloading operations except powder charging. As furnished with standard bullet seating attachments, it is recommended for use in reloading any cartridge used in single shot or bolt action rifles when no crimp is necessary or desired. For reloading cartridges which must be crimped, it is furnished less the standard bullet seating attachments but with the Model 26 Bullet Seater shown below.

The Model 28 Reloading Tool may be adapted to calibers in addition to the one for which it was originally obtained by the purchase of additional parts. Shipping Weight Model 28 Tool 5 lbs.

Extra Bullet Seating Die....	**$2.00**	Extra Neck Die.....	**$1.50**
Extra Bullet Seating Plunger	**1.00**	Extra Decapper	**1.50**
Extra Expanding Plug.....	**1.25**	Extra Decapping pin	**2 for 25¢**

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VAVER DIAL MICROMETER SIGHTS

FOR ALL POPULAR RIFLES

Vaver Dial Micrometer Sights are an outstanding development and advance in design. Engineered to meet the most exacting requirements, they offer the rifle shooter absolute, accurate and rapid adjustments in either direction for both windage and elevation without play or backlash. The micrometer action consists of a hardened cam with a "frusto conical spiral lead." Engaging this cam are the hardened pins in the staff. These two hardened parts, functioning in mesh, are capable of lifetime use without perceptible wear, they therefore maintain accuracy. Because these sights truly and consistently express the accuracy of modern guns and ammunition, they are—the choice of champions.

⅛ Inch Clicks—Correct Sighting Radii

Vaver Sights for target rifles are furnished with ⅛-inch clicks (¼ min. optional) to accurately move the impact of the bullet ⅛-inch per click on the target at 100 yards. The elevation dial is divided into eighty ⅛-inch clicks, the windage dial into forty ⅛-inch clicks. The lead on the cam, for each type sight, is generated to provide the correct movement of impact per click (1-inch at 100 yards) to coincide with the sighting radius of standard rifles.

All Readings Are From Zero

Vaver Sights are zeroed as follows: Adjust the sight on the rifle to fire central into a bullseye at 50 feet. With this setting, loosen set screws in elevation and windage dial—turn them to zero—retighten them firmly; also set the elevation and windage scale plates at zero. This zero once set remains permanent. All sight readings start from this zero and can be accurately predetermined for all other ranges.

Interchangeable Scale Plate

Vaver Sights are furnished with an interchangeable scale plate, the movement of which is synchronized with the elevation dial. The plate is held on the staff with a locked stud. After being zeroed to the rifle, it may be lifted off and its permanent zero retained. A plate zeroed to another ammunition can then be inserted in its place. The left side of the plate is blank and may be graduated in yards for a given ammunition.

Quick Removable Staff

To remove the staff—pull elevation dial outward against spring tension till clicker dog falls under cam. This disengages the cam from the staff, and the staff can then be pulled out. When replacing, push the finger tab on the clicker and the cam springs back into place.

Eye Cup and Adapters

Vaver Eye Cups with Adapters have been found to be a very decided improvement constructively and optically, for receiver sights. The thin apertures, mounted deep in the adapters, set out the target sharp and clear without halo or cobwebs. The adapters, made with seven different size apertures, screw into the eye-cup and can be readily interchanged to the required size for target and conditions. All Vaver Sights are furnished with an eye cup of suitable size and an .040 aperture. Additional apertures are available in Kits 7A and 7B.

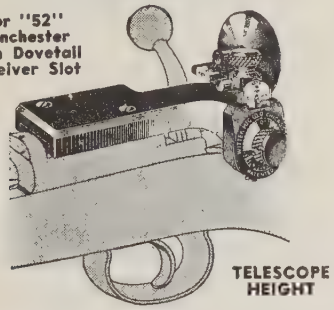
Vaver Front Sights

These Front Sights are now recognized by target shooters as the peer of all Front Sights. The large globe provides a large field of vision to prevent cross fire. The shielded aperture admits only the required light to bring out the target sharply and clearly. The cross bars overcome cant and provide telescopic effect and accuracy. The apertures are readily interchangeable and are furnished in eight different sizes to meet requirements of various conditions, ranges, and targets. These sights are made in five different types to make up any sighting combination.

You will shoot better with VAVER Sights

VAVER DIAL MICROMETER SIGHTS

For "52" Winchester with Dovetail Receiver Slot



No. 35-MIELT (Illustrated) is an extension sight which brings the eye cup 2 inches closer to the eye than standard receiver sights. It mounts on the left side of the receiver by driving the mounting block into the dovetail receiver slot. The tang of the sight is channeled and is held onto the mounting block with two screws. This sight clears the bolt, which may be taken out without removing the sight.

The elevation dial is graduated into eighty ⅛ in. clicks—10 min. per revolution. The windage dial is divided into forty ⅛ in. clicks—5 min. per revolution. The leads in the cams are generated to provide the correct movement for the longer sighting radius, thus providing absolute sight adjustments.

For the Heavy Barrel "52," this sight is correct height in combination with Vaver Front Sight No. 36-FS and No. 35-EBB Barrel Band or, No. W-11-AT Front Sight. For Standard Barrel (telescope height) use Front Sight No. 36-FWS or No. W-11-A.

No. 35-MIELT $20.00

WINCHESTER STANDARD HEIGHT
For "52" With Marksman Stock

No. W-52LT—This is a left hand extension sight, correct height (.200 in. lower than full telescope height) for Marksman Stock on the Heavy Barrel "52." Proper height in combination with Vaver No. W-11-A Front Sight or other scope block mount front sights. On the Standard Barrel this is correct height in combination with No. 36-FS Front Sight.

No. W52LT $20.00

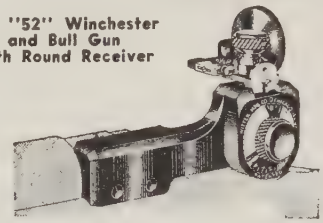
FOR REMINGTON 37 "RANGEMASTER"

No. 37-RM—This is a telescope height sight with extension for mounting on the left side of the receiver using the screw holes drilled at the factory. Use telescope height front sights.

No. 37-RM $20.00

VAVER DIAL MICROMETER SIGHTS

For "52" Winchester and Bull Gun with Round Receiver



No. 5237 is a telescope height sight with extension which brings the eye cup 2 inches closer to the eye than standard receiver sights. Mounts on the left side of the receiver with two screws, using screw holes drilled at the factory, no further drilling or cutting of the stock necessary. This sight clears the bolt, which may be taken out with removing the sight.

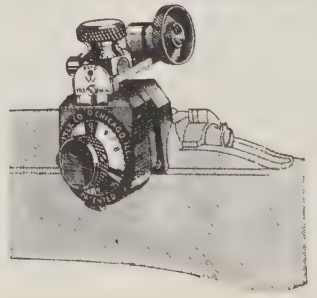
The dials for elevation and windage are graduated in ⅛ inch clicks, the leads on the cam being generated to provide the correct movement for the longer sighting radius, thus providing absolute, accurate sight adjustments. For proper front sight combinations use Vaver No. W-11-AT or No. 35-EBB with No. 36-FS or other Front Sights. For the Standard Barrel use Vaver No. W-11-A or No. 36-FWS.

No. 5237 .....$20.00

No. 5238—This sight is Winchester Standard Height (.200 in. lower than full telescope height) for the "52" Heavy Barrel with round receiver and Marksman Stock. Correct height in combination with Vaver No. W-11-A Front Sight or other front sights of the scope block mounting type. For the Standard Barrel use Front Sight No. 36-FS.

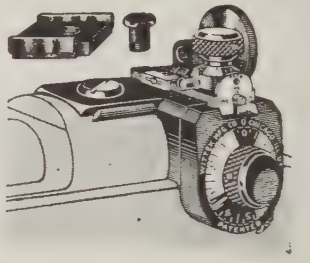
No. 5238 .....$20.00

STANDARD SIGHTS FOR ROUND RECEIVER



VAVER DIAL MICROMETER SIGHTS

For "52" Winchester with Dovetail Receiver Slot



This is a standard height sight for field or target use. The mounting block is driven into the dovetail slot in the receiver and locked in position with two set screws. The upper face of the mounting block is channeled to receive the tang of the sight which is held with a large coin-slotted screw making it quickly detachable without changing its zero. The dials in both elevation and windage are graduated in ⅛ in. clicks.

For use on Win. H.B. "52" with Marksman Stock it is necessary to raise the sight by inserting the illustrated block No. 187 under the sight tang. This is correct height in combination with No. W-11 or other scope block mount front sights.

To use No. 36-FS with Nos. 35-MIL and MIR on Standard Barrel Win. "52," raise the sight by inserting block No. 187 under sight tang. This provides the correct height with staff at nominal zero.

No. 35-MIL (For left side) $18.50
No. 35-MIR (For right side)..... 18.50
Block No. 187 ..... 1.50

SEE ILLUSTRATION AT LEFT

No. 35-MW-522—This sight is Winchester Standard Height (.200 lower than full telescope height) for the H.B. Marksman Stock. Mounts on the left side of receiver using screw holes provided, no drilling or cutting of the stock necessary. Correct height in combination with Vaver No. W-11-A Front Sight or other scope block mount front sights.

No. 35-MW-522 .....$15.00

No. MW-523—Same as No. 35-MW-522 except it is Standard Height. Correct in combination with Vaver No. 36-FS or other Standard Height Globe Sights.

No. 35-MW-523 .....$15.00

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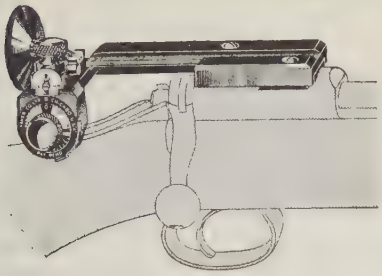
VAVER DIAL MICROMETER SIGHTS

FOR ALL POPULAR RIFLES

FOR STANDARD AND HEAVY BARREL "52"



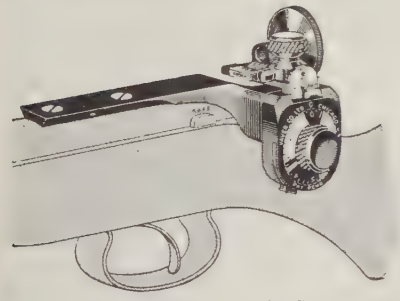
No. 35-MIE (Illustrated) Standard height extension sight for right side mounting. The tang is 1 1/16 in. longer than left hand extensions. It mounts on the right side of the receiver utilizing the dovetail slot. For front sight use No. 36-FS or other Globe Sight.

No. 35-MIE $20.00

No. 35-MIERT—Telescope height sight for right side mounting. It mounts in the dovetail slot on the receiver of either Standard or Heavy Barrel "52." Proper height on the Heavy Barrel in combination with No. W-11-AT Front Sight, or No. 36-FS with No. 35-EBB. For Standard Barrel, telescope height, use front sight No. 36-FWS or No. W-11-A. These front sight combinations are quickly detachable.

No. 35-MIERT $20.00

VAVER SIGHTS FOR SAVAGE RIFLES

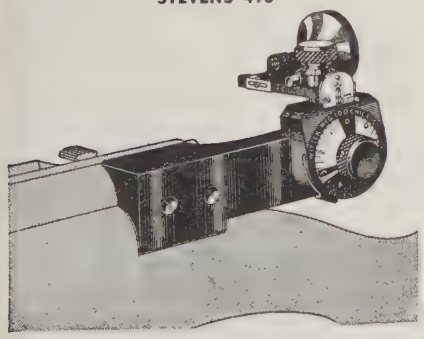


This sight is designed to fit Savage 1919, N.R.A., 1932 Sporter, and 1933 N.R.A. It mounts on the left side, using screw holes provided for same. The forepart of the tang is dovetailed to be utilized as a block for telescope mounting.

No. 35-M4A. 1919 N.R.A.-1923 Sporter $16.50

No. 35-M4B. 1933 N.R.A.-Bolt Action .. 16.50

SIGHT FOR SEARS RANGER—MODEL 50 STEVENS 416



This is an extension sight that mounts on the left side of the receiver using screw holes provided, no cutting of the stock necessary. It is adjustable to match any height front sight from standard to telescope height. Telescope height position matches Vaver Front Sight W-11-AT or No. 36-FS with No. 35-EBB Barrel Band. (Quick detachable combinations.)

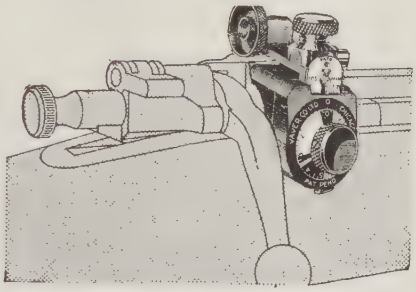
No. 37-SR R $20.00

VAVER DIAL MICROMETER SIGHTS FOR HUNTING, SPORTING AND MILITARY RIFLES

These are precision sights which afford the Hunter and Shooter of Sporting or Military Rifles absolute accuracy on field or range. The micrometer action of both elevation and windage are the same as on our precision target sights with such additions as have been found practical in use for this type of rifle. The clicker mechanism is designed to give clear sharp clicks, however by means of a finger tab the clicks may be released so that the sight may be adjusted silently when noise is not permissible. The clicker further serves to positively lock the cam into position.

The rugged, sturdy construction and practical design, combined with the precision of target sights, makes this the outstanding sight for Hunting and field use under the most severe conditions.

VAVER DIAL MICROMETER SIGHTS FOR SPRINGFIELD 30-06 AND MAUSER

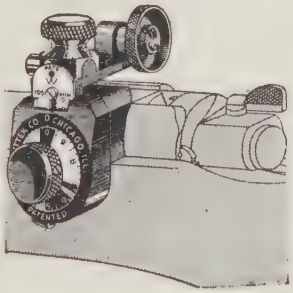


For Springfield 30-06. M1, M2, Target and Mauser

This sight mounts on the right side of the receiver; no cutting of the stock is necessary. It is held in place with two screws, the screw holes matching those drilled in the receiver for standard sights.

No. 35-M6 ..... $16.50

VAVER SIGHTS FOR WINCHESTER MODELS 54 AND 70



This sight mounts on the left side of the receiver using the screw holes provided—no further drilling or cutting the stock necessary. The elevation dial is graduated into forty 1/4 min. clicks. Special dials and cams are available. Special windage slides as described are also available.

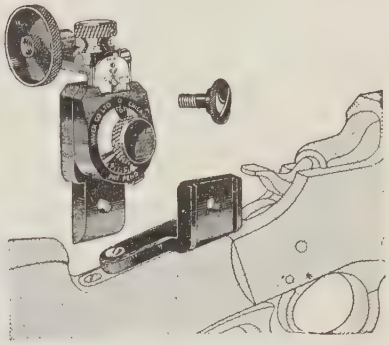
No. 35-M2 ..... $16.50

REMINGTON MODELS 30 AND 720

No. 35-M3 Mounts on the right side of the receiver using the screw holes provided.

Price $16.50

SIGHTS FOR STEVENS WALNUT HILL 417-417 1/2-418-418 1/2



This sight mounts on the tang using the screw holes provided. The tang mounting block is a separate part to receive the sight adapter, thus being quickly detachable, always maintains its original zero. For telescope height use Vaver W-11-AT Front Sight, or No. 36-FS with No. 35-EBB Barrel Band.

No. 35-M5RT Telescope Ht. Right $20.00

No. 35-M5LT Telescope Ht. Left 20.00

No. 35-M5SR Std. Ht. Right 20.00

No. 35-M5SL Std. Ht. Left 20.00

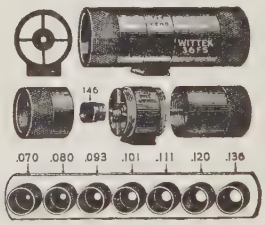
VAVER SIGHTS FOR B.S.A. RIFLES

This sight mounts on the left side and is held in place with two screws. Permits cleaning of rifle from breech. Screws furnished with sight, tap and drill loaned.

No. 35-M10S Standard Height $16.50

No. 35-M10T Telescope Height $16.50

VAVER FRONT SIGHTS



Vaver Front Sights are a decided improvement optically and in construction over conventional front sights. The field of vision afforded by the large globe reduces the hazard of cross fires. The cross bars instantly determine cant and provide telescopic effect and accuracy. Each sight assembly consists of globe body with dovetail mounting, two interchangeable light shades and eight apertures with a carrier plate. These features provide better definition and greater accuracy to the metallic sight shooter and lead to consistently higher scores.

No. 36-FS (Illustrated) Standard Height Front Sight mounts in the dovetail on the barrel.

Price $4.50

No. 36-FSS For Springfield.

Price $4.50

SIGHTS FOR BALLARD

Left hand extension, mounts on the top of receiver with 2 screws. Tap and drill loaned.

No. 35-M12-SL Standard height left.. $20.00

No. 35-M12-LT Telescope height left.. $20.00

This page reproduced from Stoeger Catalog Edition No. 43, 1952.

The Newest in RIFLE SIGHTS . . . by *Dockendorff*

DOCKENDORFF SIGHTS, both front and rear, are built to fit all kinds of rifles. There's a stock model that's engineered expressly for you and your kind of shooting in this new and complete line of Dockendorff designs.

GOLD BEAD Tubular Front Sight

— in 5 different models, with the world-famous DOCKENDORFF sliding shutter and exclusive suspended gold bead sighting element.

GOLD POST Front Sight

— a brand-new version of the most popular front sight in the world. Mounted on a modern-type ramp, easily installed at home or in the field.

SQUARE SLOT Open Rear Sight

— incorporates a new one-minute-click wheel elevator. Designed for use with the GOLD POST Front Sight as a partridge-type sighting combination.

The Famous DOCKENDORFF GOLD BEAD

The GOLD BEAD is available in the models listed below, each one a fine, all-'round hunting sight, engineered to give the widest possible field of vision and the best definition under any condition of daylight, at any type of target, fixed or moving. The bead-type sighting element is easily seen, automatically centered in any adjustable rear sight, open or peep. With it, the shooter can follow game, can sight over or under without covering the target.

The sighting element is a 55% pure gold bead, suspended on a horizontal wire within a tube, machined flat on the eye-side to insure crisp, sharp definition. The gold bead is .070" in diameter, spans 7" at 100 yards, and is slanted back at an angle of 15 degrees for constant, even lighting. The horizontal wire tends to eliminate "canting", and the strong, sturdy tube protects the sighting element from damage.

USE SHUTTER FOR POSITIVE LIGHT CONTROL

Built into the sight tube is a sliding shutter or "window" which regulates the amount of light on the gold bead with an easy flick of the thumb. In bright sunlight, closing the sliding shutter keeps the sighting element dead black. In late afternoon or when the sky is cloudy, opening the shutter admits all the light you need to keep the sight bright and clear in the gloom. Even after dark, a flashlight behind the sight makes it show up clearly on the darkest night. Intermediate shutter positions keep the gold sight element sharp under any condition of daylight, against *any* background of *any* color.

FRAME THE TARGET — ESTIMATE THE RANGE

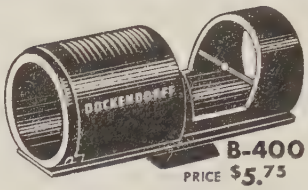
The size of the protective hood or tube is the same in all models, and the rim of the hood, which appears as a circular outline, can be immediately centered in the rear sight. This hood outline can be used as the sight itself for snap-shooting at short ranges, it frames vital areas instantly and prevents over-shooting. The outline also serves as an automatic means of estimating ranges. At 100 yards, it covers an area about 6 feet in diameter, just frames a deer. At 200 yards, the area covered is 12 feet wide, and at 300 yards, 24 feet wide.

GUARANTEE

Every DOCKENDORFF sight is guaranteed to be a precision instrument, made to the highest standards of engineering, materials, and workmanship. It will give complete shooting satisfaction if properly installed and used.

Special sights and installation attachments are available. Detailed information and prices furnished upon application.

The Original DOCKENDORFF GOLD BEAD Model



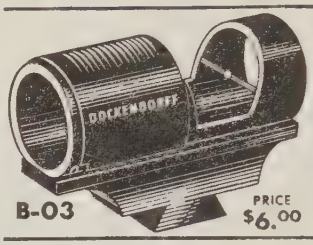
B-400 PRICE $5.75

For any rifle equipped with a ramp having a standard ⅜" dovetail for use in combination with any adjustable rear sight, open or peep.

This model has a suspended gold bead sighting element and exclusive sliding shutter. Height .400" from bottom of dovetail to center of bead. Can be installed by purchaser if care is observed.

Also available: B 450 — height .450"

DOCKENDORFF GOLD BEAD Model



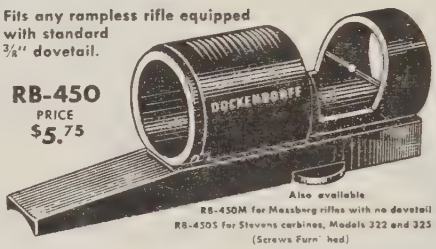
B-03 PRICE $6.00

Designed for the 1903 A1 Gov. issue Springfield Rifle

Height measures .750" from bottom of dovetail to center of bead. Easy to install by the purchaser: Simply loosen front set screw, remove old sight from left to right, slide in B-03 from right to left and tighten set screw. Can be used in combination with any type adjustable rear sight, but works best with a peep sight.

Fits any rampless rifle equipped with standard ⅜" dovetail.

RB-450 PRICE $5.75



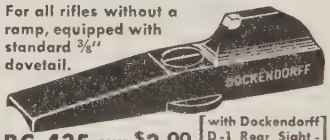
Also available
RB-450M for Mauser rifles with no dovetail
RB-450S for Stevens carbines, Models 322 and 325
(Screws Furnished)

NEW! DOCKENDORFF GOLD BEAD Model with built-in ramp.

Incorporates new-type dovetail locking screw. Easy to install with ordinary screwdriver, easily removed in the field when use of 'scope is desired. Modernizes any rifle. Front of ramp is etched, curved bottom insures accurate installation. To be used in combination with any adjustable rear sight, open or peep. In one height only.

NEW! DOCKENDORFF GOLD POST Front Sight!

For all rifles without a ramp, equipped with standard ⅜" dovetail.



RC-435 PRICE $3.00 [with Dockendorff D-1 Rear Sight - PRICE $5.00]

A brand-new version of the most popular sight in the world. A wide, square-topped partridge-type sight, with a gold-like metal alloy insert inlaid into the upper face. This insert appears as a perfect gold square, clean and sharp under all lighting conditions. The face of the post is slanted back at an angle of 17° to attract light without reflection, etched ramp eliminates glare.

New-type dovetail locking screw makes it a perfect spare sight when out in the field, allowing quick change-over from 'scope to game sight. Height of the post .435" above the gun barrel, the width of the post .070". Best results are obtained with a peep rear sight, or with any adjustable open rear sight having a square cut slot, such as the new Dockendorff D-1.

Designed for a saddle holster, the RC 435 looks and works equally well on any calibre rifle, is built to stand very hard usage. The gold-like metal insert won't come loose or break off. Tarnish-resistant, it can be smoked with a match to give a dull, black finish. Can be wiped off cleanly and easily with a swipe of the thumb.

NEW! DOCKENDORFF Adjustable Open Rear Sight!

For all rifles with standard ⅜" rear sight dovetail.

D-1 PRICE $2.00 [with Dockendorff RC-435 Front Sight - Price $5.00]

Designed with standard ⅜" dovetail for easy installation on most types of rifles, the new D-1 introduces a new and improved method of close elevation adjustment. The horizontal elevator wheel is designed for .003", or minute, clicks.

Elevator wheel edge is knurled for fast, easy elevation changes, and the simple screw mechanism is built to take hard knocks in the field. Equally good for target and game shooting.

Each click of elevation adjustment is 1" at 100 yards, instead of 7" or 8" at 100 yards as with the ordinary step elevator. All click positions are numbered for positive, accurate elevation adjustment.

"STOEGEROL"

Worth its weight in gold to every lover of a gun.
(TRADE MARK)

THE chemical and physical action of "Stoegerol" is based on the peculiar properties which enable its gases to penetrate into the molecules of the steel during their expansion caused by the explosion of the nitro powder upon discharge of firearm and its power of neutralization of nitro-gases. All there is necessary to protect your gun is to have it well oiled with "Stoegerol"—the rest "Stoegerol" will do for you.

"STOEGEROL" combines with water and dampness; it absorbs both, thereby absolutely protecting steel and iron even if kept days under water or months in dampness or under ground.

No Hunter, no Trapper, no Soldier, no Sailor, no Ranchman, no Farmer, no Householder can afford to be without a supply of "Stoegerol."

"STOEGEROL" dissolves and prevents rust and corrosion chemically and by itself in arms in which nitro-powder is used (pistols, revolvers, rifles, shotguns, machine-guns, field-pieces, etc.). Single application after using only required.

"STOEGEROL" protects steel, gun barrels and breech mechanisms absolutely against rust, even in water. At Army tests, Stoegeroled rifles were several days immersed in water and without being dried were placed in a damp room for a month. These weapons remained unchanged and free of rust.

"STOEGEROL" does not affect the bluing of arms and preserves the wood. Two to five per cent dissolved in water, "Stoegerol" is the best cleanser and polisher for stocks and fine furniture.

"STOEGEROL" kills pus-germs and bacteria in wounds in man and beast, and sterilizes them until medical assistance can be procured. Effective in running sores, chafing and soreness after horseback riding, perspiring and sore feet, burns, frostbite, prickleheat, eczema, rheumatism, gout, colds in the head, coughs (rub nose, throat and chest or other affected parts with "Stoegerol.") If used before hiking and hunting tramps, prevents soreness and chafing. "Stoegerol" relieves piles, eczema, dry and moist, destroys fleas, body lice, mange, crabs, scabies and all other vermin on man or beast.

Price per can
$1.00

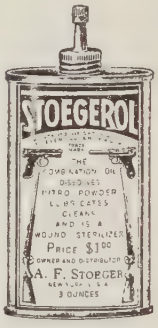
The following is the result of a thorough trial of this gun oil at the U. S. Springfield Arsenal:

Two U. S. Rifles, caliber 30, Model 1903, were selected for this trial and were marked B1 and B2. These guns were cleaned and oiled with this oil. For the duration of this experiment, after having been cleaned and oiled with this oil, these two rifles were laid in a gun case and left in one of our gun rooms.

The trial commenced on September 25th.

Rifle B1 was used for twenty-five rounds, then cleaned with a swab and the inner barrel oiled with this oil. (Stoegerol.) On December 11th the barrel was examined and found absolutely free of rust. On February 15th another examination was made and the barrel again found free of rust. This experiment was terminated on April 18th, on which day a thorough examination was made. The barrel was wiped dry and no rust specks were to be found.

Rifle B2 was also used for twenty-five rounds and cleaned, then set aside for twenty-four hours, again cleaned and then oiled inside and out with this oil. On December 11th, an examination was made and no rust specks found. Upon the second examination, February 5th, no rust specks were found. The experiment was terminated on April 18th on which day thorough examination was made. The barrel was wiped dry and no rust specks were to be found either on the inside or outside of the barrel.



Price per can
$1.00

"STOEGEROL" is of great importance for the preservation of leather, destroying mold and ferments, absorbs and swells leather at once, makes it waterproof and increases its durability to the utmost. Especially beneficial when used on shoes, boots, harnesses, saddles, etc.

"STOEGEROL" is the best lubricant for all fine mechanisms. Also for sewing machines, typewriters, all ball bearings, aeroplanes, ignition systems, motors, etc.

"STOEGEROL" is an invaluable rust protector for fine steel parts of machinery exposed to rain and water. It does not dry.

"STOEGEROL" aside from its many other uses is the only combination, gun, rust preventative, lubricating and wound oil. No army, navy, sportsman, factory, ranch, farm or individual should be without it.

PHYSICIANS AND DENTISTS

"STOEGEROL" is indispensable as a rust protector of surgical instruments. Dentists will find it never failing in separating positive plaster casts from the negative.

POULTRYMEN, RANCHMEN and FARMERS

"STOEGEROL" is invaluable to poultrymen in foot sickness, poultry diphtheria and pink eye. Beneficial results are obtained by daubing feet, eyes or throat with "Stoegerol."

Ranchmen and Farmers will find it effective in combating foot and mouth disease, by simply applying the "Stoegerol" freely to infected parts. Also very effective in treating udder and other inflammatory disorders of live stock.

"STOEGEROL" absorbs through the skin into the circulation and kills in this manner many cold bacillus in a short time. Most colds begin in the head and by rubbing the forehead, nose, throat and chest with "Stoegerol" quick relief will follow if applied in the early stages. For the same reason it relieves rheumatism, lumbago and gout.

"STOEGEROL" is a great seller and kept in stock by leading wholesale and retail dealers.

Order a supply of it today.

A. F. STOEGER 224 EAST 42ND STREET NEW YORK
"Within a block of Grand Central Station"

Proprietor and Sole Distributor of "STOEGEROL"

This page reproduced from Stoeger Catalog Edition No. 1, 1925.

Springfield Restocking

Advantages of the United States Springfield Rifle

The United States Springfield Rifle Model 1903 chambered for the 1906 cartridge has found universal favor among American Sportsmen, and justly so because of its most excellent construction, accuracy and reliability. Possibly the greatest advantage pertaining to this rifle is the great diversity of cartridges for which it is suitable and which may be obtained at practically every country crossroad store in the United States and Canada. The 1906 cartridge is supplied with a great variety of powder loads and with bullets ranging in weight from 110 to 220 grains, making this gun suitable for all American game from woodchuck to the grizzly.

For some time the National Rifle Association at Washington, D. C., has distributed Springfield Rifles through the Director of Civilian Marksmanship, to interested American citizens, but unfortunately these rifles are supplied only with machine made stocks and fittings unsuitable for the discriminating shooter, and for this reason there has been a strong demand throughout the country for a first class sporting stock and fittings. We have answered this demand with a first class imported walnut stock, built strictly in accordance with the latest revised specifications of that eminent American authority on rifles, COLONEL TOWNSEND WHELEN, and we are the only authorized manufacturers of this stock and fittings.

Procedure For Obtaining a 1903 Springfield Rifle

Any American citizen may join the National Rifle Association and purchase any one of the various Springfield Rifles which are for sale through the Director of Civilian Markmanship, Washington, D. C. We will gladly furnish membership applications or they may be obtained from the Secretary of the National Rifle Association, Barr Building, Washington, D. C. Upon receipt of application—fill out and return to the Secretary of the N. R. A. with $3.00 money order or certified check to cover annual dues. Full instructions regarding the ordering of the Springfield rifle will be mailed to you together with your membership card and N. R. A. button.

When you have selected the Springfield which you desire us to restock, in order to hasten matters be sure to include in your letter to the Director of Civilian Marksmanship a full description of the rifle and that it is to be shipped to you care of A. F. STOEGER, INC., 509 Fifth Ave., New York City.

Types of Springfield Rifles Suitable For Restocking

The Director of Civilian Markmanship offers a variety of rifles to members of the National Rifle Association of which the following Springfields are suitable for restocking purposes:

U. S. Cal. .30 Model Springfield, Style S, (Service Rifle)	$32.75
U. S. Cal. .30 Model 1903 Springfield, Style S, Special Target (Star-Gauged)	35.49
U. S. Cal. .30 Model 1903 Springfield, Style NM, National Match Rifle, (star gauged and specially selected)	40.00
U. S. Cal. .30, Model 1903 Springfield Sporter, Style NRA (Star gauged) fitted with Lyman No. 48 rear sight, sold only at assembled	40.00
U. S. Cal. .22 Model 1922, M1 (new model cal. .22 Springfield) with target if requested	46.00
Extra magazines for M1	1.85

Note—When restocking National Match Rifle which is regularly supplied with stock, it is more economical to order only the following necessary parts:

1 National Match Barrel and Receiver Assembly	$15.33
Balance of Breech Action With Reversed Safety and headless cocking piece	11.87
Packing Charge	.50
	$27.70

A "Star Gauged" rifle differs only from others in that it is one whose bore has been remeasured and found to be within the specified tolerance of the exact standard, and may therefor be expected to give a very accurate group. We wish to call attention to the fact that all Springfield barrels are so nearly perfect, that if remeasured would pass as star-gauge barrels and the exceptions would be so near the perfect dimension, as to make no difference at all for game hunting and offhand shooting.

The National Match Rifle differs from the "Service" type only in that it has been star gauged and especially selected for fit and finish. This is supplied with reversed headless cocking piece and is pre-eminently suitable for restocking purposes.

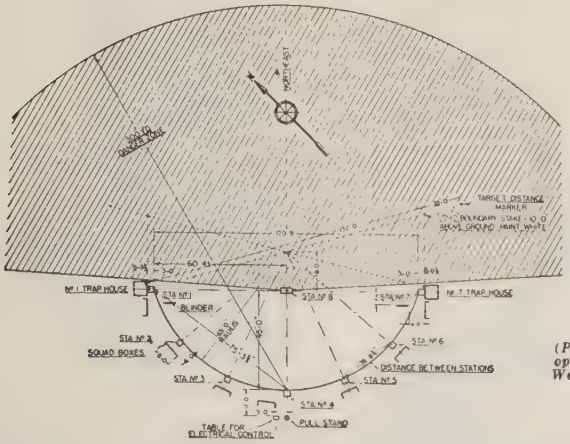
All the rifles listed on this page, except the "Sporter" and Mod. 1922 .22 Cal. have the light barrel, which, as issued clearly shows the mill marks which must be removed and the barrel polished and blued. This barrel is somewhat more graceful and when restocked and finished weighs about 8 pounds. The Sporter is identical to the regular models, except that it is supplied only with half stock and pistol grip and has a heavier but finely polished and blued barrel and when restocked and finished weighs about 8½ pounds. The price of the Sporter includes a Lyman 48 receiver sight.

The Model 1922 Springfield .22 Cal. Rifle is identical in appearance and finish as the Model 1903 Sporter. For the present we shall only undertake to remodel this rifle as outlined at foot of page 4.

This page reproduced from Stoeger Catalog Edition No. 10, 1929.

SKEET SHOOTING

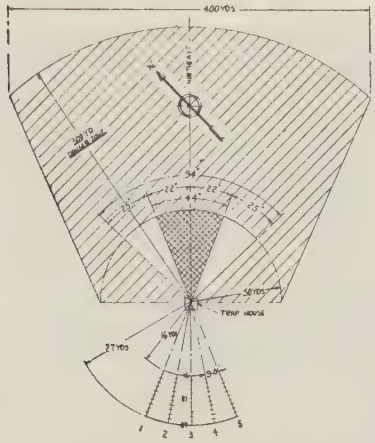
DIAGRAM OF A SKEET RANGE



(Published through the co-operation of Winchester-Western, East Alton, Illinois)

TRAP SHOOTING

DIAGRAM OF A TRAP RANGE



Skeet shooting is a form of wing shooting that utilizes an inanimate clay target as thrown from a mechanical "trap" (throwing device).

Due to lack of space we can provide only a brief outline of the sport here, however, further information may be obtained by writing the National Skeet Shooting Assoc., 3409 Oak Lawn Ave., Suite 208, Dallas 19, Texas.

SKEET FIELD, as it appears in the diagram above, consists of two trap houses (one high and one low house) located 120′9″ apart. A segment of a 21 yard-radius circle, the base of which comprises a straight line between the trap houses, is made up of eight shooting stations.

Targets from the high house, at the left of the base line emerge at a point 10 feet above ground level and are directed to fly over the "target crossing point" which is marked by a stake 18 feet directly in front of position 8.

Targets from the low house emerge at a point 3½ feet above ground level and are also aimed to fly over the target crossing point.

A skeet squad is normally composed of five shooters, and one full round consists of twenty five shots, the object being to score the greatest number of "dead" targets. The round is comprised of one single target from each trap house taken at each of the eight stations. In addition, while at stations 1, 2, 6 and 7, one set of doubles (one target from each trap house fired simultaneously) must be shot. This accounts for 24 targets. The 25th is made up by repeating the first missed target from whatever station the shooter happens to occupy at the same time. In the event a shooter breaks all 24 targets he is given his choice of stations for the 25th shot.

Skeet Gun: Most shooters prefer a single barrel sighting surface and for this reason select an over-and-under, slide-action, or automatic type shotgun. The barrel is usually twenty-six inches long and bored "skeet" choke.

Details of the stock, forearm, etc., depend to a large extent on the individual's preferences. The average skeet gun however, has 2⅝″ drop at heel and 1⅝″ drop at comb, a full beavertail forearm and a ventilated or solid ribbed barrel to aid in sighting.

SKEET AMMO & TARGETS: The same clay target is used for both trap and skeet and regulations state that it must measure no more than 4 5/16-inches in diameter nor more than 1⅛ inches in height.

In registered shoots only shells of commercial manufacture clearly labeled and guaranteed as to shot size and load are permitted.

The skeet shell (for 12 gauge) consists of a 3-dram powder equivalent and 1⅛ ounces of number #9 shot.

Trap shooting differs from skeet in that all targets are thrown in a direction away from the shooter with but slight variation in flight angle. As indicated in the diagram above, the most desireable flight-line falls within a 44-degree radius from the center line. However, any target within the 94-degree markers is considered legitimate.

The secondary difference between trap and skeet is that, in trapshooting, it is possible to handicap the better shooters by positioning them further from the trap. Thus, shooting stations range at one-yard intervals from sixteen to twenty-five yards. Naturally, as the range increases the shooting becomes more difficult; a gunner on the 25-yard line must contend with thinner shot patterns and longer leads.

The regulation trap field uses one trap house and mechanical trap. Targets are thrown at varied angles away from five shooting stations that are located 16 yards behind the trap. Shooting posts are three yards apart.

The average target flies from 48 to 52 yards and rises to a height of from 6 to 12 feet at a point roughly 30 feet from the trap.

The trap squad generally consists of five shooters with each man alloted five targets from each of the five stations for a total of twenty-five shots. After the designated shooter has assumed his position, and is ready to fire, he calls "pull," the target official operating the "pull-stand" thereupon releases the target.

Handicap trapshooting, as outlined earlier is based on past performances with high average shooters firing at ranges of from twenty-one to twenty-five yards while low-average shooters use the sixteen to twenty yard stations.

Doubles shooting: Occasionally doubles events are held in trapshooting where two targets are thrown from the trap simultaneously. The target angles are fairly consistent, one target flying to the right while the other flies to the left. This is a very lively form of wing shooting, requiring some fast and sure gun handling.

The Trap Gun: Since individual preferences have a great deal to do with the selection of a trap gun we will offer only general specifications.

The trap gun is usually a 12 gauge model with a single 30-inch barrel bored full choke. It weighs from 7¾ to 8 lbs. and is equipped with a large hand-filling forend and a straight-comb stock. Many shooters prefer a ribbed barrel, either ventilated or solid, for an improved sighting surface.

All trap shooting is done with standard trap-load shells consisting of a 3-dram equivalent of powder and 1⅛ ounces of number 7½ shot.

For further information regarding trapshooting write to: Amateur Trapshooting Association (ATA), Vandalia, Ohio.

This page reproduced from Stoeger Catalog Edition No. 55, 1964.

WESTERN TRAPS & TARGETS

V1574A SELF-LOADING ELECTRIC SKEET TRAP: permits one man field operation with simple hand adjustments for elevation and distance. Each trap holds 75 targets. Clears itself of targets accidentally broken in magazine. Aluminum and steel construction, oil-less bearings and master switch for safety. Operates from Western portable electric release on 115 volt 60 cycle A.C. power. Western Self-Loading Electric Skeet Traps (including portable A.C. release, scoreboard, and field wiring), per set **$1,555.00**

V1517A WHITE FLYER TRAP: designed for throwing targets with mechanical cocking and release, single and double target shooting for clubs and tournaments. The self-angling base is an integral part of the trap .. **$162.50**
Also available as Model V1515A: same as above but angles are changed manually **$130.00**

V1575A MASTER ELECTRIC SKEET TRAP: a regulation portable electric skeet release for single and double target shooting. Comes equipped with three release buttons—one for each trap and a central button for "doubles." This skeet trap is manually cocked and operated on 115 volt 60 cycle A.C. or 6 volt D.C. Western Master Skeet Traps, A.C. equipment (portable release), per set **$315.00**
Also available as Model V1576A, D.C. equipment, per set, without battery **$295.00**

V1524A WHITE FLYER ELECTRIC TRAP: for regulation trap shooting. Push-button release, cocks automatically, variable angles that cannot be guessed. Operates on 115 volt 60 cycle A.C. power **$575.00**

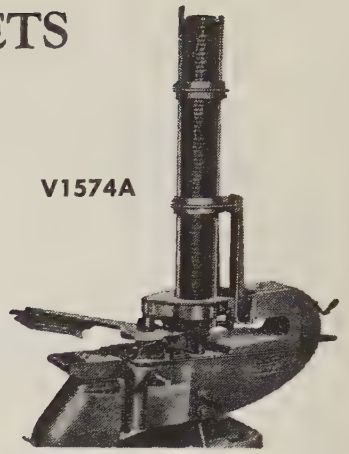
V1577A SELF-LOADING ELECTRIC REGULATION TRAP: push button control, one man operation, holds 180 targets. This trap is adjusted without tools for spread, singles and doubles. Operates on 115 volt 60 cycle A.C. power supply, with portable release switch **$1,399.00**

V1505A WESTERN PRACTICE TRAP: is adjustable to throw targets at all standard angles. The carrier is of stainless steel, with contact rubber to impart the high rotary action characteristic of all targets **$31.50**

V1500A WESTERN HAND TRAP: has same type of carrier used on Western Practice Traps. Hardwood, non-slip handle with wrist thong. No adjustment or cocking necessary **$5.50**

WHITE FLYER TARGETS

Divided into 16 segments by score marks, White Flyers shatter easily when hit by just a few pellets. Colors to contrast with your terrain are available. Per carton of 135 targets **$3.95**

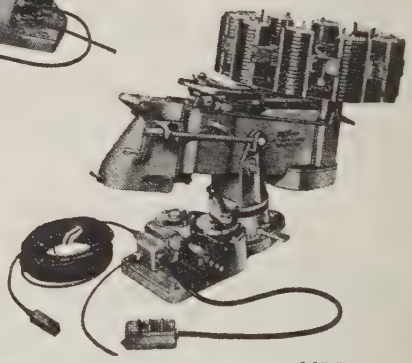


V1574A

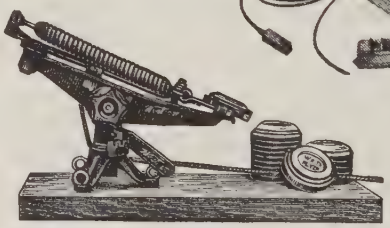
V1517A

V1575A (AC)
V1576A (DC)

V1524A



V1577A



V1505A

V1500A

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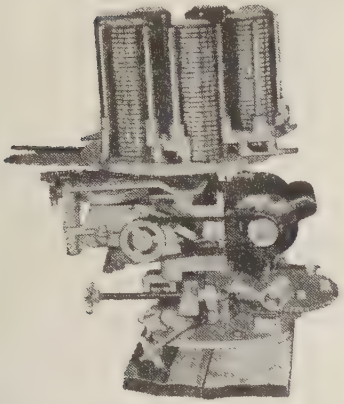
REMINGTON TRAP & SKEET EQUIPMENT

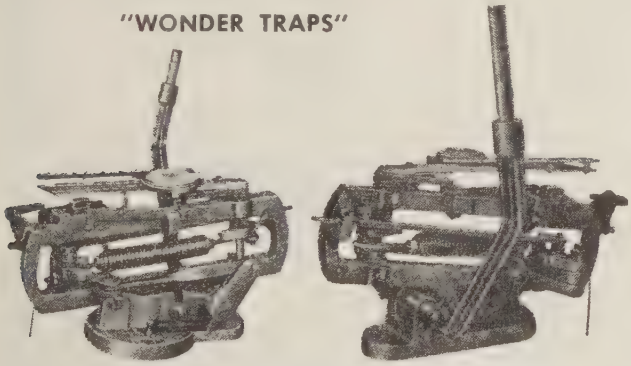


AUTOLOADING TRAP

MODEL A100T FOR TRAP: One Remington autoloading trap with ½ H.P. motor, 60 cycle, 115 volts and special auto-angling base. One push button release unit with 100 feet of wire. One power control box. 203 target capacity. **$1,390.00**

MODEL M200S FOR SKEET: Two Remington autoloading traps with ½ H.P. motors, 60 cycle, 115 volts. One walk around release unit and 80 feet of wire. Two power control boxes. One connection box. Complete outfit for skeet shooting. **$1,535.00**

"WONDER TRAPS"

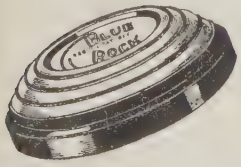


The "Wonder" Trap may be used for straight trap or skeet shooting. This trap features less vibration and automatically "sets" itself.

"Wonder" Singlever Skeet Outfit with two "Wonder" Traps and Singlever manual control, all other accessories. **$264.00**

"Wonder" Electric Skeet Outfit with Electric Skeet Release, Direct Current (D.C.). **$347.35**

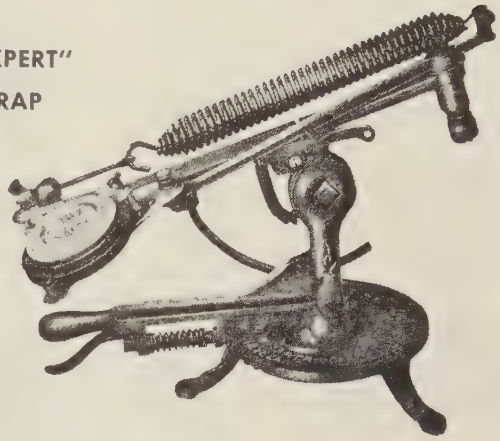
"Wonder" Electric Skeet Outfit with Electric Skeet Release, Alternating Current (A.C.). **$365.70**



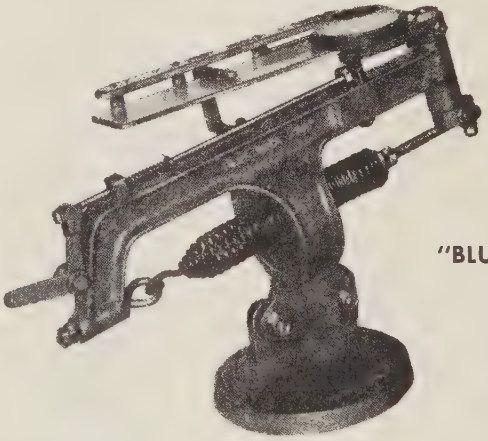
"BLUE ROCK" TARGETS

The Remington square shoulder "Blue Rock" targets have been scientifically designed to give smooth, level flight, and are made with a thin dome to crumble on impact of a few pellets, or "smoke" when hit squarely. Suitable for any mechanical trap, with chrome yellow dome. Single carton of 135 "Blue Rock" Targets. **$3.95**

"EXPERT" TRAP



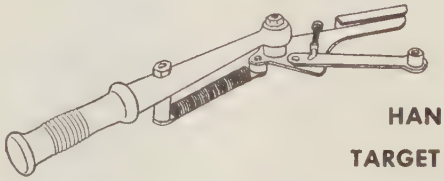
The Remington "Expert" Trap is a sturdily built, smooth operating portable trap. Suitable for use at summer camps, cottages, aboard boats, or for trips into the country. This trap may also be used for "walk-up" shooting games. **$31.50**



"BLUE ROCK" TRAP

The Remington "Blue Rock" trap may be used for either straight trap or skeet shooting. It is capable of throwing either doubles or singles. **$57.65**

Available also as complete skeet outfit: 2 "Blue Rock" Traps and Singlever Pull for manual operation. **$144.75**



HAND TRAP TARGET THROWER

Designed to produce the widest variety of shots with the least possible effort. The automatic feature eliminates maximum effort and allows the most difficult targets to be tossed with a mere swing of the body. It's so balanced that once the carrier is "off center" the spring automatically leaps forward to do the rest. **$4.90**

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